

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007255.D
 Acq On : 06 Dec 2018 02:49
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/6/2018 12:56:18 PM

Quant Time: Dec 06 07:24:20 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	90856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	148871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48822	57.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.44%	
35) Dibromofluoromethane	7.89	113	46558	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
50) Toluene-d8	10.33	98	200007	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.62	95	74001	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	41438	41.687	ug/l	100
3) Chloromethane	2.22	50	51929	41.252	ug/l	99
4) Vinyl Chloride	2.36	62	36424	46.213	ug/l	100
5) Bromomethane	2.76	94	23483	59.457	ug/l	96
6) Chloroethane	2.92	64	21222	47.988	ug/l	99
7) Trichlorofluoromethane	3.26	101	70400	45.814	ug/l	95
8) Diethyl Ether	3.69	74	22021	51.411	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	41317	44.510	ug/l	99
10) Methyl Iodide	4.28	142	41520	52.506	ug/l	99
11) Tert butyl alcohol	5.17	59	17977	220.403	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	40296	46.322	ug/l	97
13) Acrolein	3.90	56	15703	264.930	ug/l	95
14) Allyl chloride	4.68	41	62470	44.801	ug/l	93
15) Acrylonitrile	5.37	53	47556	265.582	ug/l	100
16) Acetone	4.12	43	41527	207.370	ug/l	95
17) Carbon Disulfide	4.39	76	127724	44.542	ug/l	99
18) Methyl Acetate	4.68	43	23726	51.905	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	109059	53.247	ug/l	99
20) Methylene Chloride	4.92	84	53133	53.000	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	47185	48.577	ug/l	97
22) Diisopropyl ether	6.32	45	133251	53.233	ug/l	96
23) Vinyl Acetate	6.26	43	359634	263.305	ug/l	100
24) 1,1-Dichloroethane	6.23	63	80812	50.370	ug/l	100
25) 2-Butanone	7.17	43	56887	245.059	ug/l	98
26) 2,2-Dichloropropane	7.17	77	68902	44.690	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52719	50.629	ug/l	99
28) Bromochloromethane	7.51	49	31723	54.836	ug/l	99
29) Tetrahydrofuran	7.53	42	37518	261.540	ug/l	99
30) Chloroform	7.68	83	86333	51.777	ug/l	98
31) Cyclohexane	7.96	56	72102	42.952	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	78729	50.173	ug/l	100
36) 1,1-Dichloropropene	8.09	75	67063	46.297	ug/l	100
37) Ethyl Acetate	7.26	43	25358	48.395	ug/l	99
38) Carbon Tetrachloride	8.07	117	68091	46.055	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83191	42.901	ug/l	98
40) Benzene	8.33	78	197761	49.788	ug/l	99
41) Methacrylonitrile	7.49	41	13689	43.617	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	56908	51.263	ug/l	100
43) Isopropyl Acetate	8.43	43	51679	50.782	ug/l	99
44) Trichloroethene	9.09	130	54006	48.370	ug/l	96
45) 1,2-Dichloropropane	9.37	63	44645	48.300	ug/l	94
46) Dibromomethane	9.46	93	24270	50.530	ug/l	97
47) Bromodichloromethane	9.65	83	64127	50.756	ug/l	98
48) Methyl methacrylate	9.44	41	25647	48.558	ug/l	93
49) 1,4-Dioxane	9.45	88	9137	1088.965	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	133821	266.838	ug/l	100
52) Toluene	10.39	92	133648	48.370	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	61114	48.112	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	73247	49.205	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34035	49.817	ug/l	96
56) Ethyl methacrylate	10.65	69	46284	51.935	ug/l	99
57) 1,3-Dichloropropane	10.94	76	58772	50.953	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	95240	266.062	ug/l	99
59) 2-Hexanone	10.97	43	87683	241.185	ug/l	98
60) Dibromochloromethane	11.13	129	43606	51.931	ug/l	95
61) 1,2-Dibromoethane	11.24	107	33271	50.773	ug/l	98
64) Tetrachloroethene	10.87	164	48949	51.261	ug/l	89
65) Chlorobenzene	11.66	112	143972	49.323	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	46462	51.539	ug/l	98
67) Ethyl Benzene	11.73	91	260945	49.048	ug/l	94
68) m/p-Xylenes	11.84	106	206537	98.958	ug/l	97
69) o-Xylene	12.17	106	94594	48.510	ug/l	90
70) Styrene	12.18	104	155591	48.743	ug/l	96
71) Bromoform	12.35	173	23711	52.542	ug/l #	99
73) Isopropylbenzene	12.47	105	257752	48.503	ug/l	96
74) N-amyl acetate	12.27	43	48157	51.112	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	38440	55.697	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	22604m	44.679	ug/l	
77) Bromobenzene	12.75	156	58384	50.898	ug/l	97
78) n-propylbenzene	12.81	91	300874	47.523	ug/l	99
79) 2-Chlorotoluene	12.90	91	180118	50.380	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	225551	49.614	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	11621	49.509	ug/l	91
82) 4-Chlorotoluene	12.99	91	188589	49.584	ug/l	97
83) tert-Butylbenzene	13.21	119	202790	51.044	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	219033	47.199	ug/l	92
85) sec-Butylbenzene	13.39	105	265935	46.888	ug/l	99
86) p-Isopropyltoluene	13.51	119	235268	46.598	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	117624	49.951	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	120148	50.512	ug/l	97
89) n-Butylbenzene	13.83	91	220801	46.799	ug/l	99
90) Hexachloroethane	14.10	117	38420	49.935	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	108684	53.314	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7647	57.196	ug/l	93

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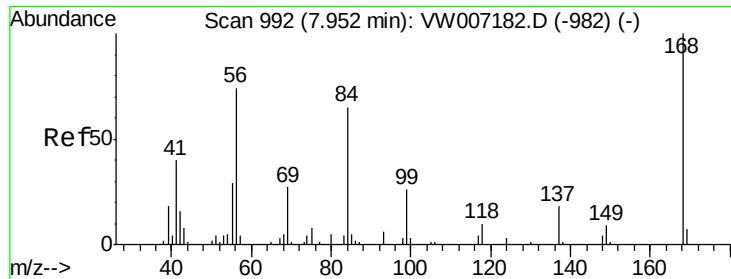
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	71404	50.543	ug/l	97
94) Hexachlorobutadiene	15.24	225	38640	50.720	ug/l	97
95) Naphthalene	15.38	128	130791	51.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	62150	52.172	ug/l	98

(#) = 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: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 90856

Ion Ratio Lower Upper

168 100

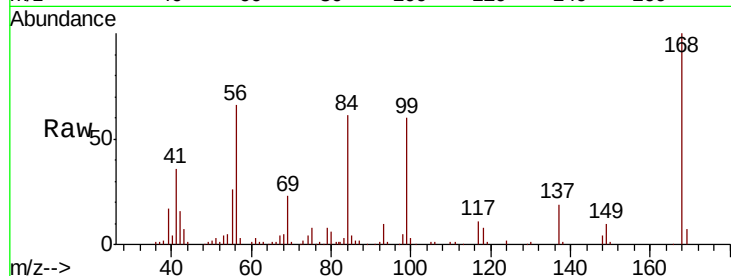
99 60.4 47.8 71.8

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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

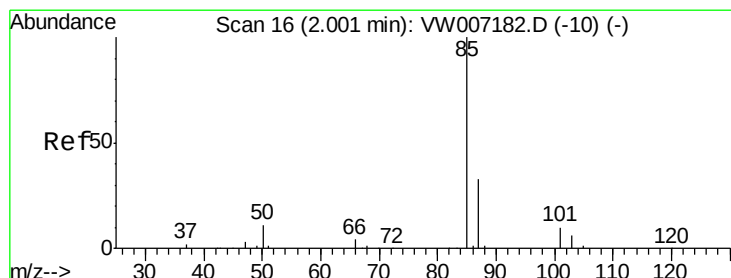
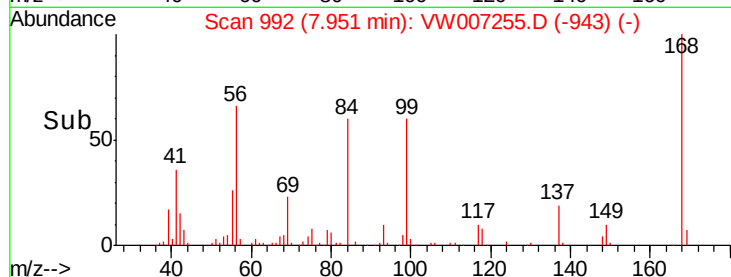
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10000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.687 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007255.D

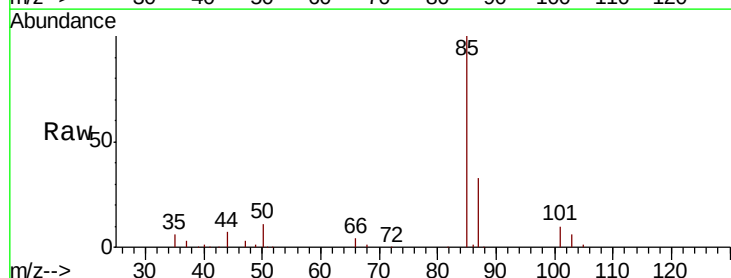
Acq: 06 Dec 2018 02:49

Tgt Ion: 85 Resp: 41438

Ion Ratio Lower Upper

85 100

87 33.2 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

30000

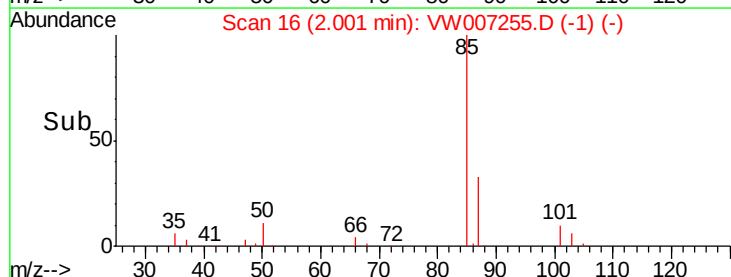
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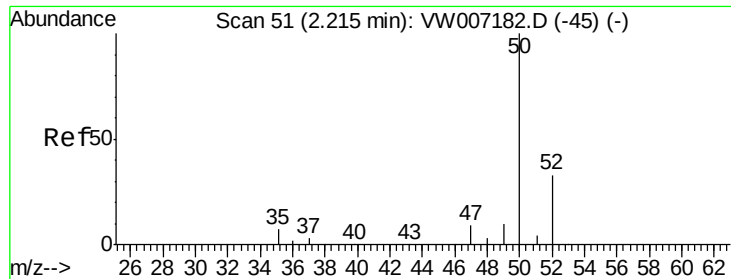
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 41.252 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 51929

Ion Ratio Lower Upper

50 100

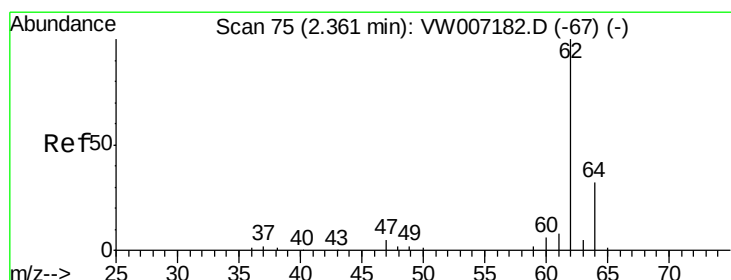
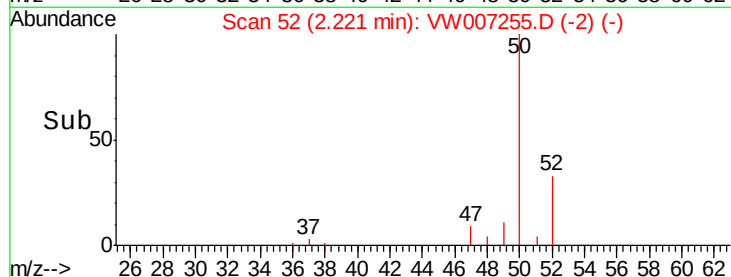
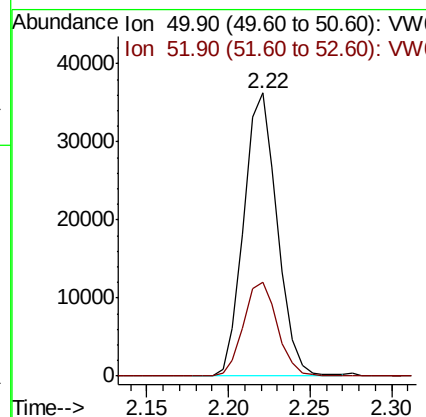
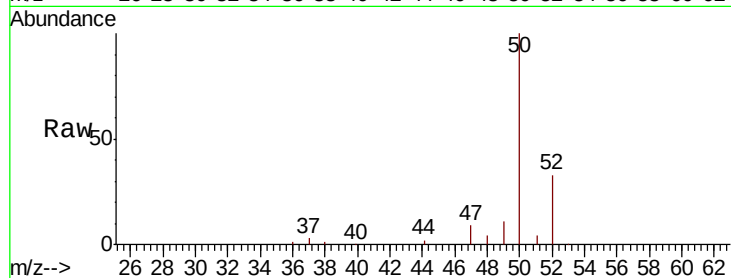
52 33.0 26.2 39.2

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#4

Vinyl Chloride

Concen: 46.213 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007255.D

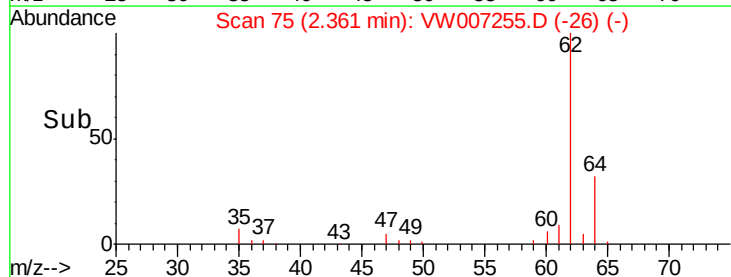
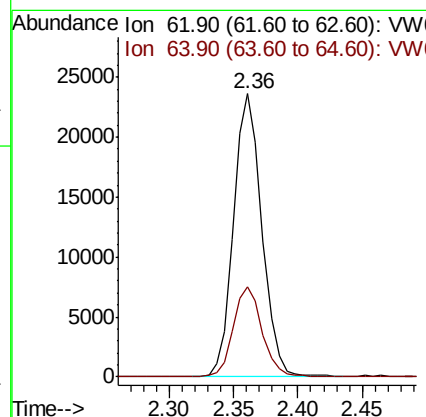
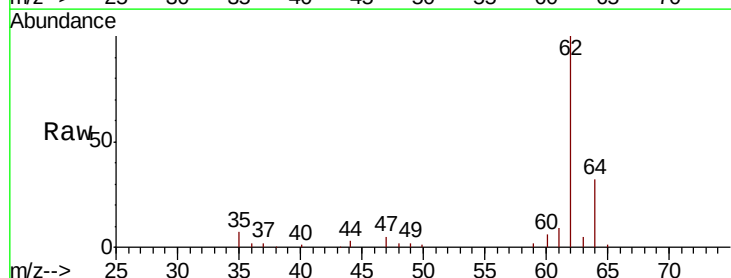
Acq: 06 Dec 2018 02:49

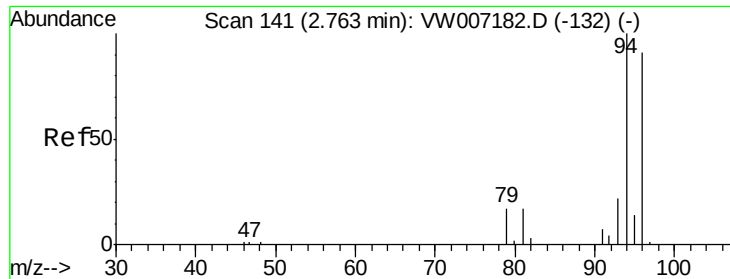
Tgt Ion: 62 Resp: 36424

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 59.457 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 23483

Ion Ratio Lower Upper

94 100

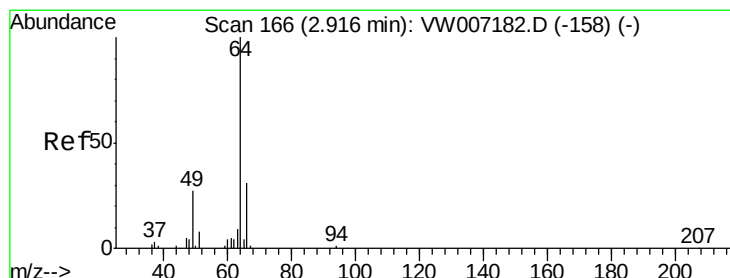
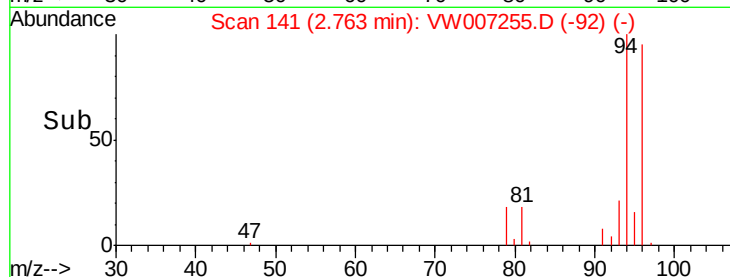
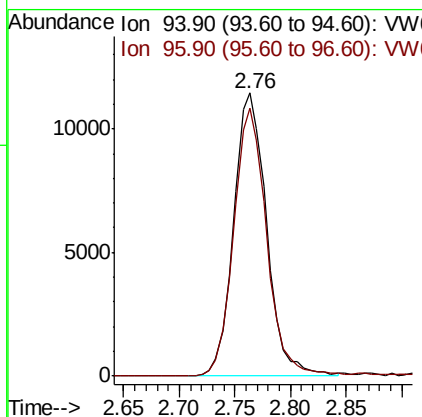
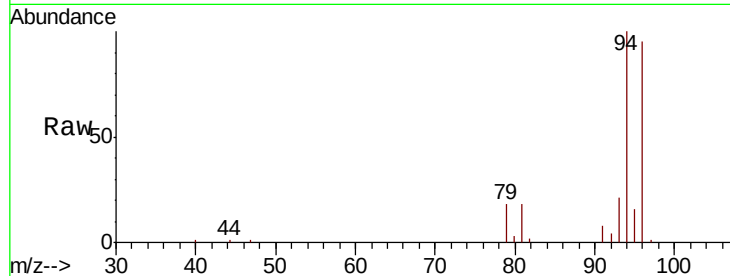
96 94.7 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 47.988 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007255.D

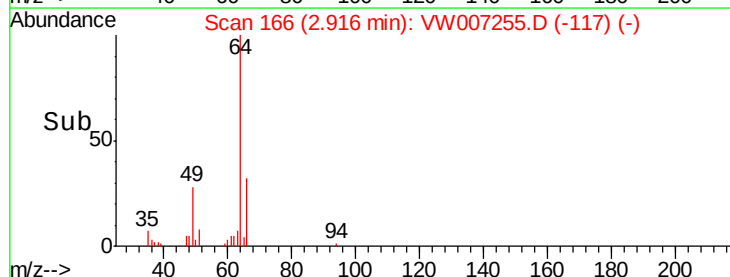
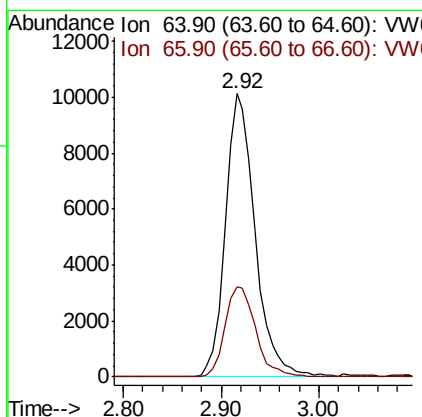
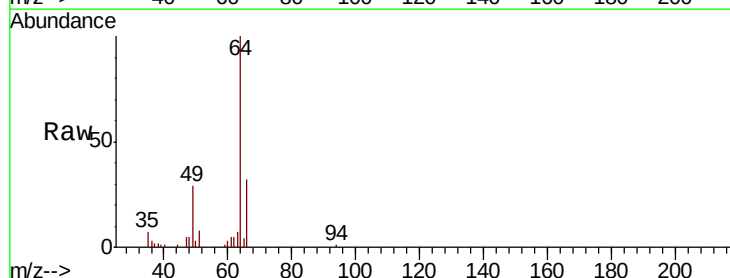
Acq: 06 Dec 2018 02:49

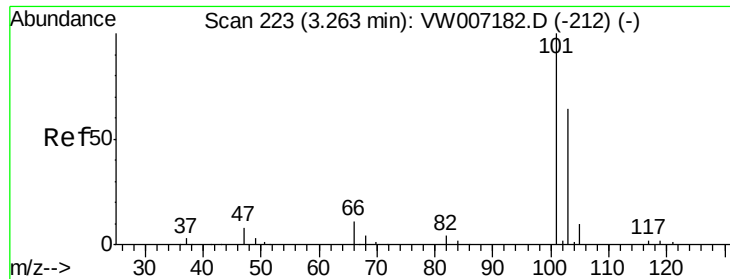
Tgt Ion: 64 Resp: 21222

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.6





#7

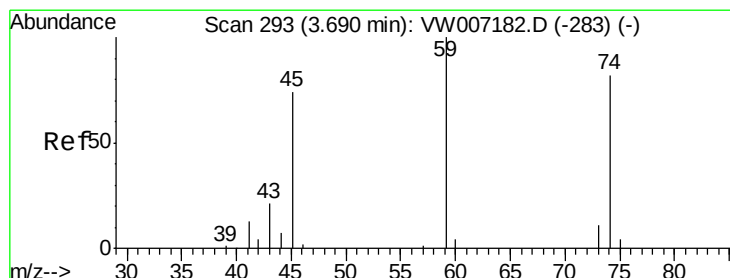
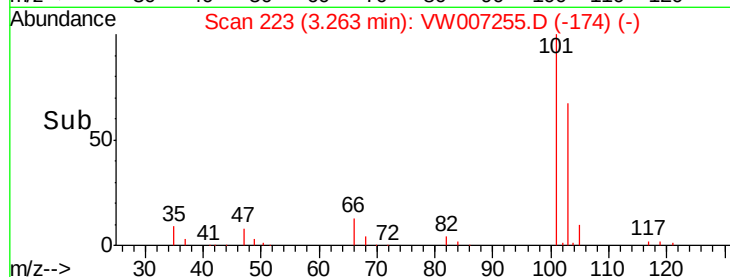
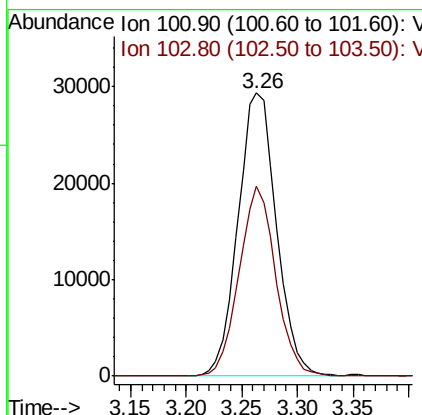
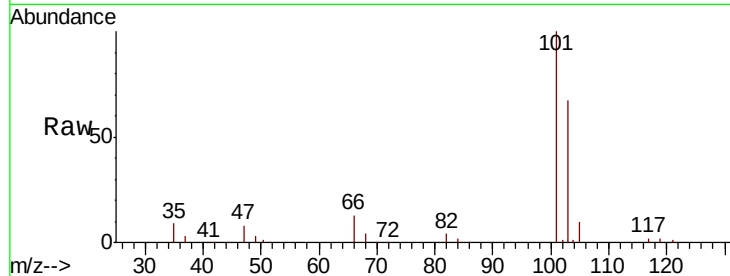
Trichlorofluoromethane
 Concen: 45.814 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion: 101 Resp: 70400
 Ion Ratio Lower Upper
 101 100
 103 67.1 50.9 76.3

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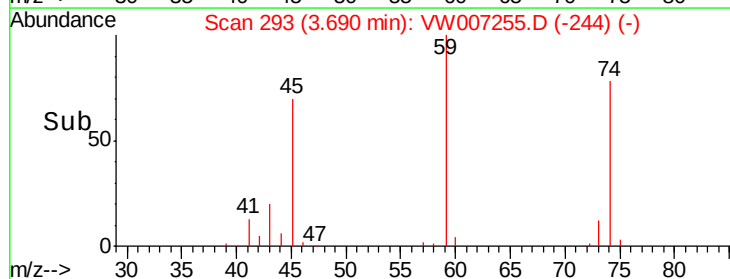
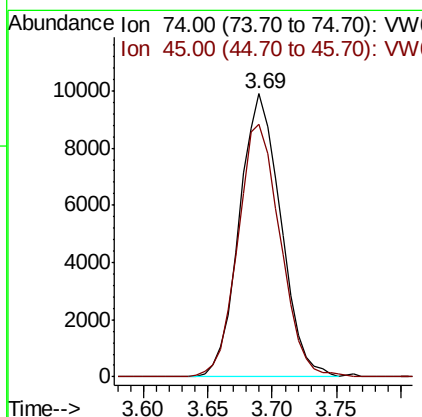
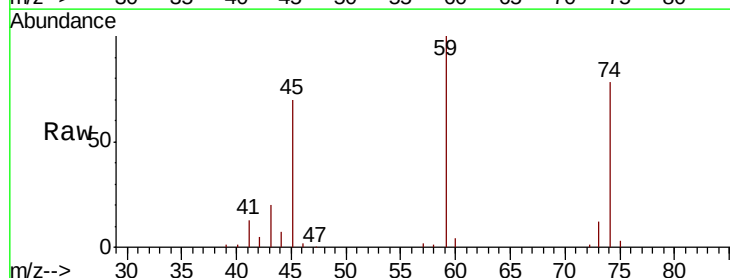
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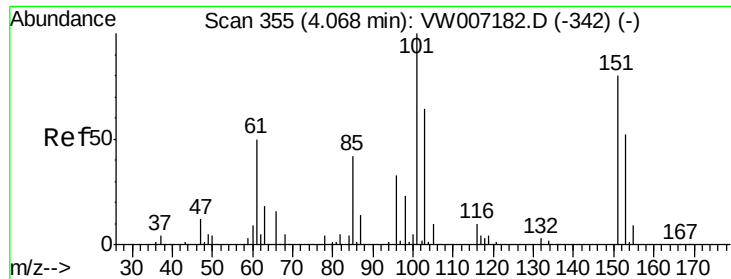


#8

Diethyl Ether
 Concen: 51.411 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion: 74 Resp: 22021
 Ion Ratio Lower Upper
 74 100
 45 91.8 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.510 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

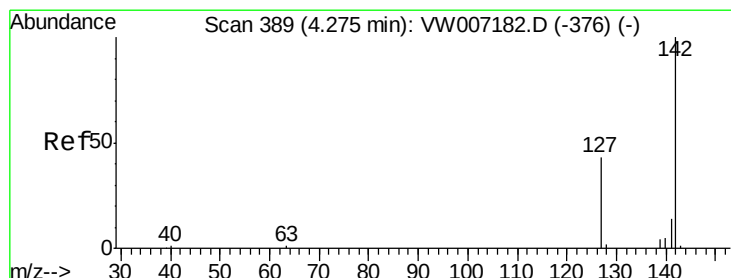
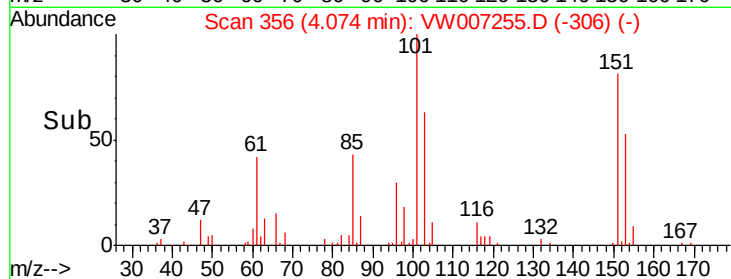
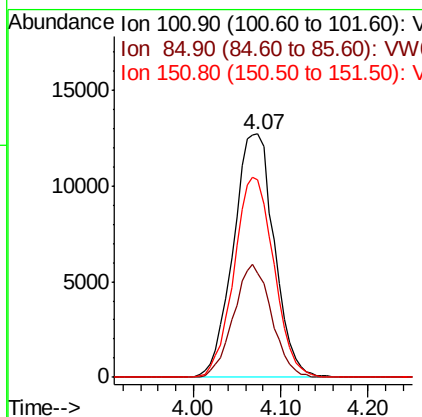
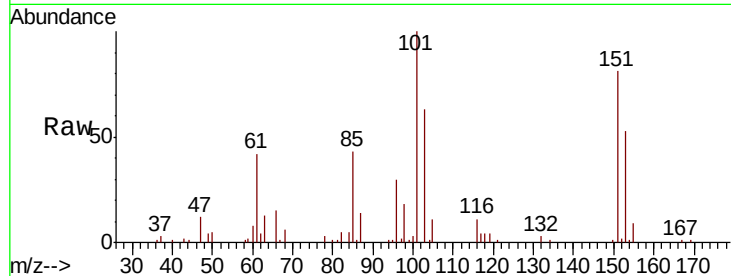
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	41317
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.4	50.2
151	80.0	63.9	95.9

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#10

Methyl Iodide

Concen: 52.506 ug/l

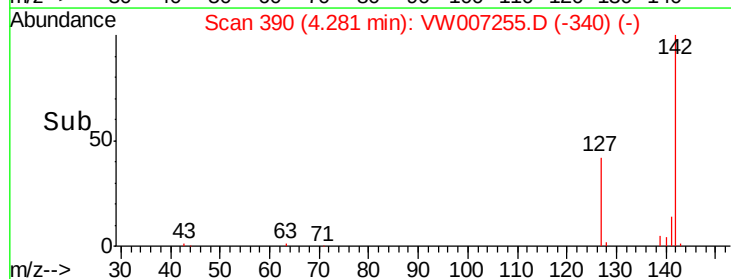
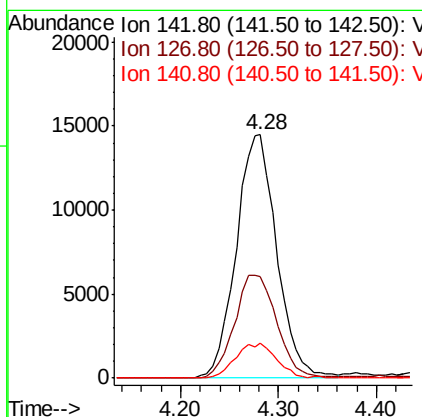
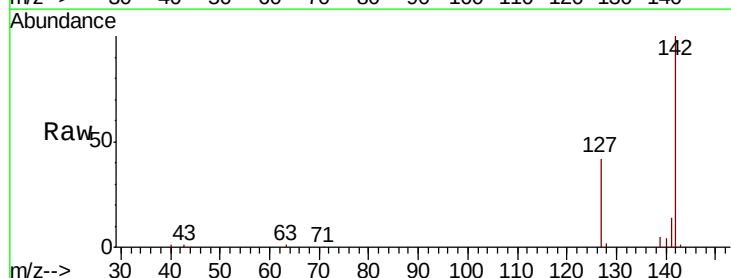
RT: 4.28 min Scan# 390

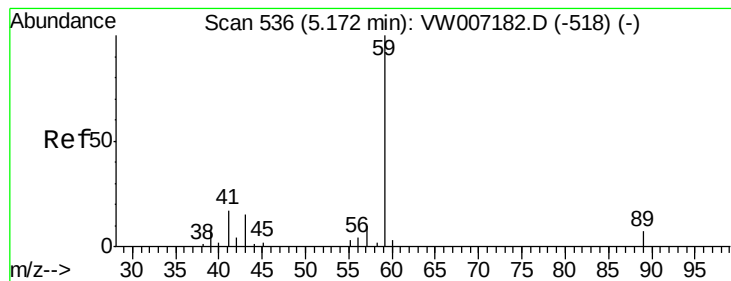
Delta R.T. 0.01 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Tgt Ion:	142	Resp:	41520
Ion Ratio	Lower	Upper	
142	100		
127	44.4	34.9	52.3
141	14.6	11.7	17.5





#11

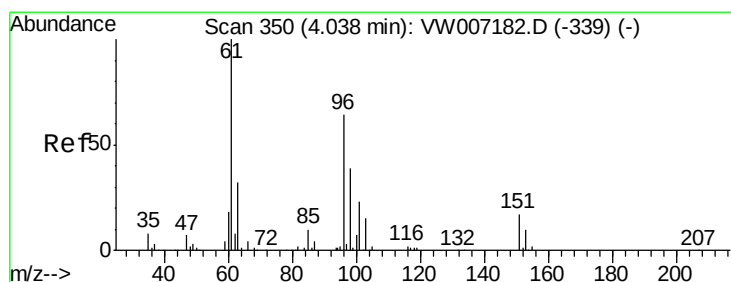
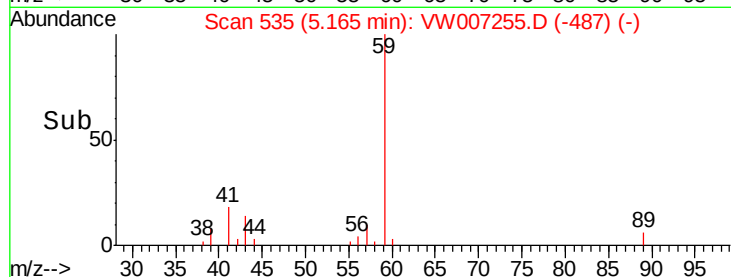
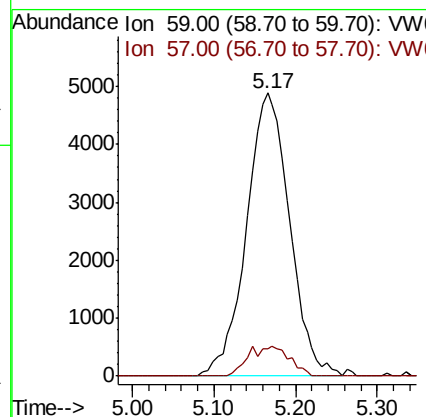
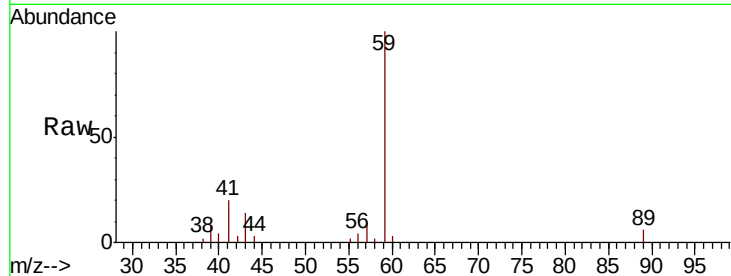
Tert butyl alcohol
 Concen: 220.403 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	3.2	7.1	10.7#

Manual Integrations
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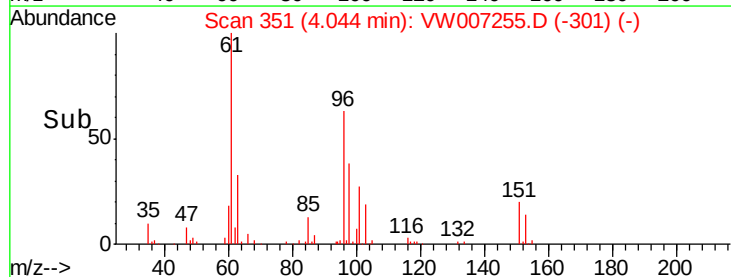
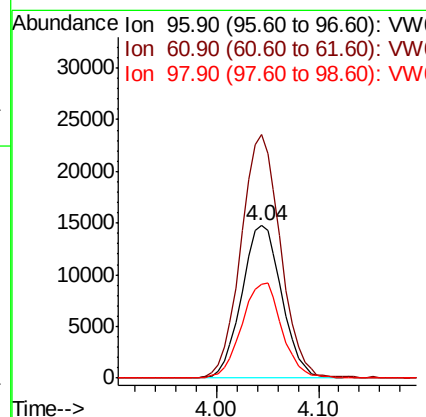
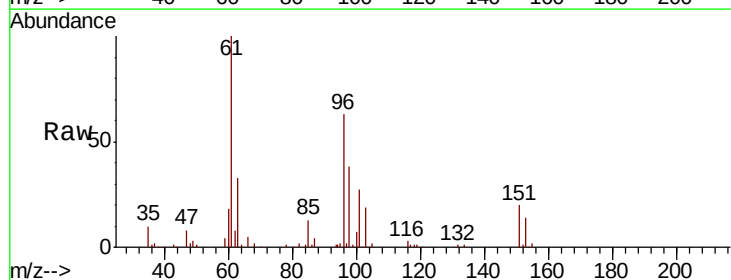
apatel
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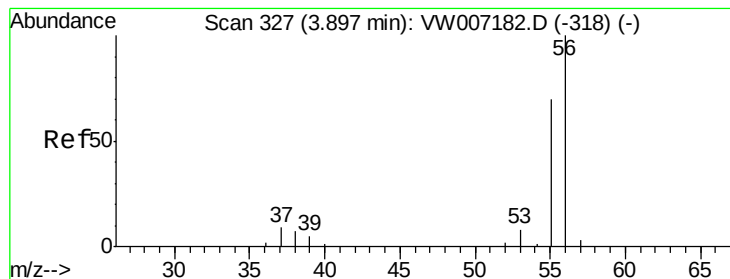


#12

1,1-Dichloroethene
 Concen: 46.322 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	124.1	186.1
98	61.4	48.6	72.8





#13

Acrolein

Concen: 264.930 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 15703

Ion Ratio Lower Upper

56 100

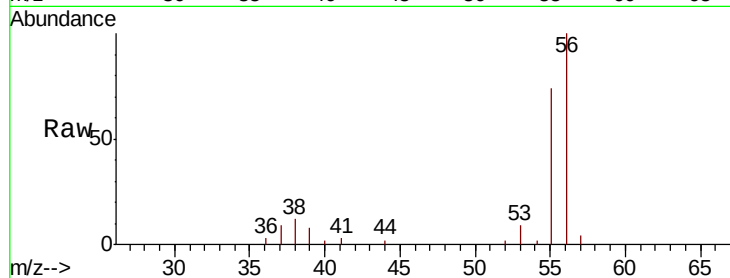
55 75.1 56.9 85.3

Manual Integrations

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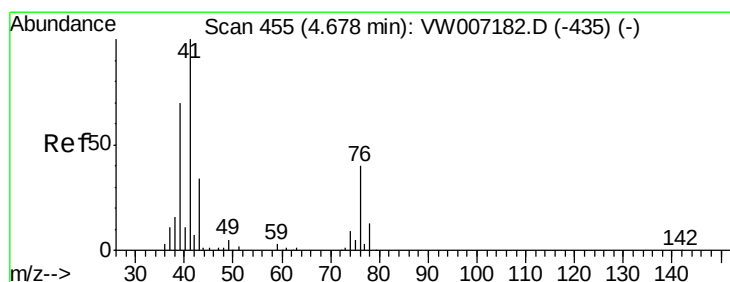
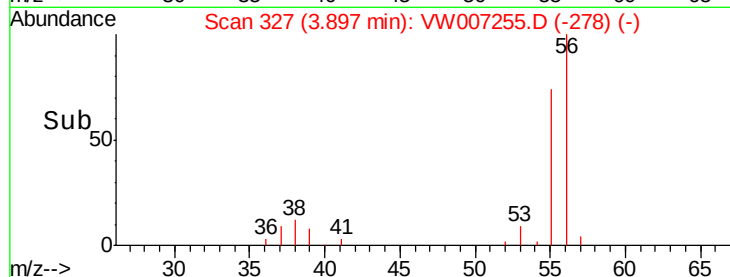
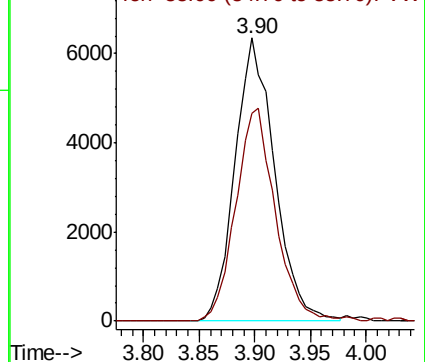
apatel

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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: 44.801 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

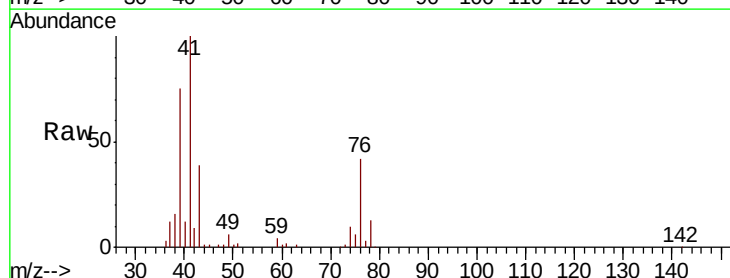
Tgt Ion: 41 Resp: 62470

Ion Ratio Lower Upper

41 100

39 76.6 55.9 83.9

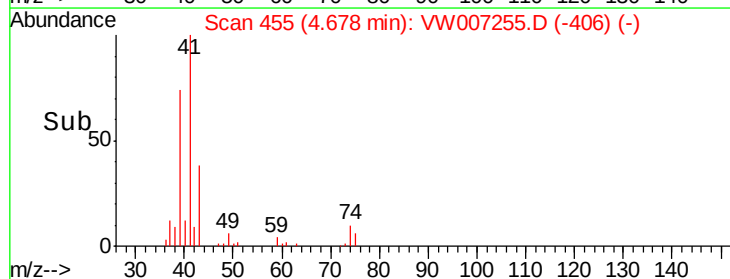
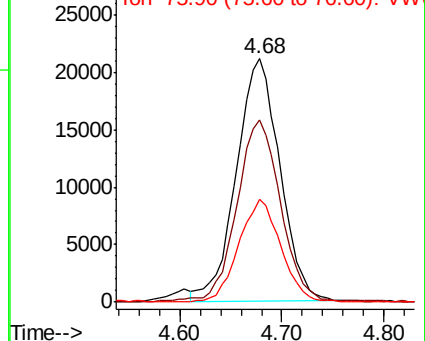
76 40.9 30.8 46.2

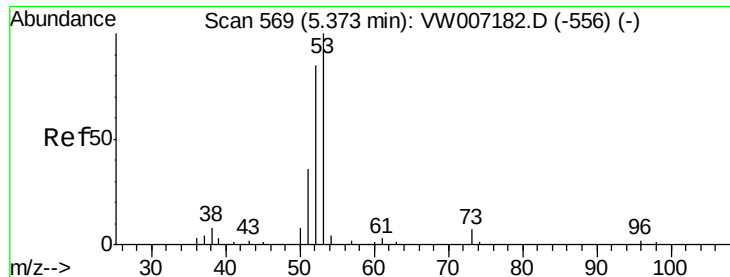


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 265.582 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

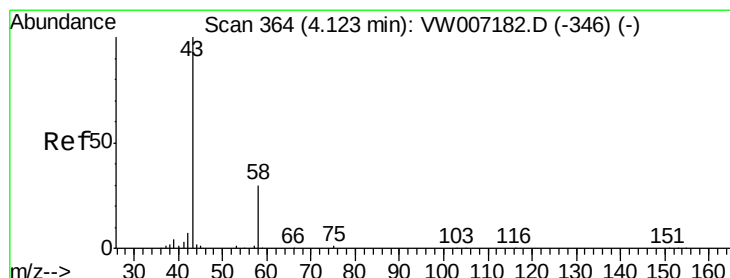
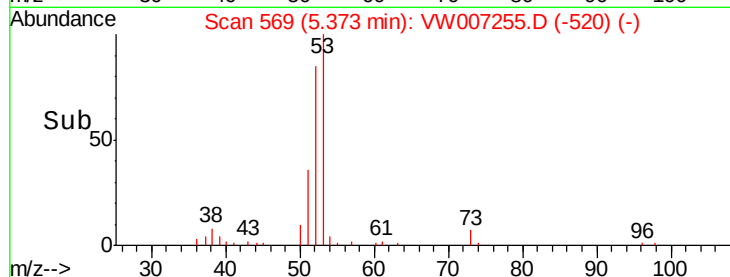
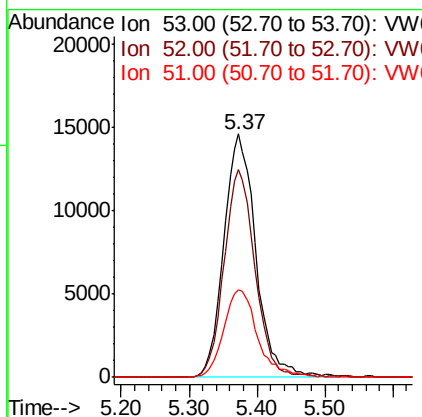
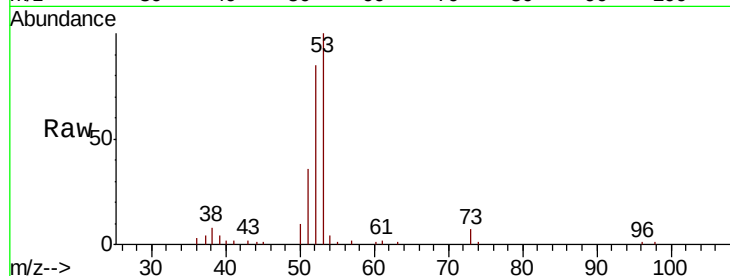
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	47556
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.1	99.1
51	38.0	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 207.370 ug/l

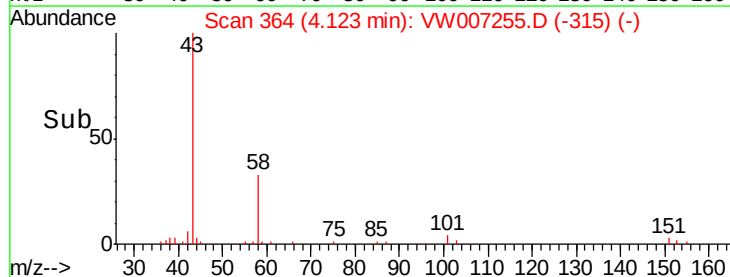
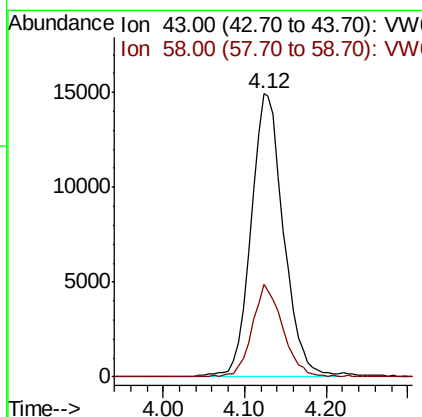
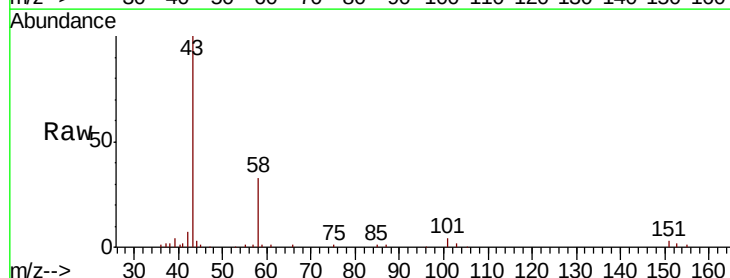
RT: 4.12 min Scan# 364

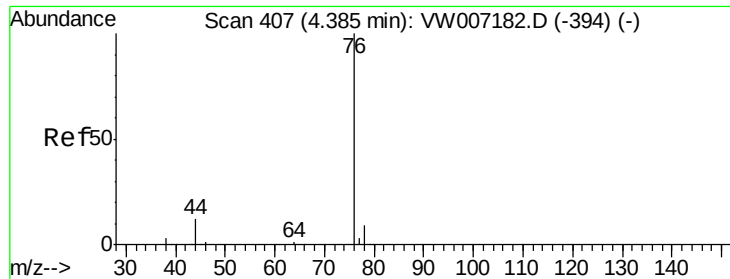
Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Tgt Ion:	43	Resp:	41527
Ion	Ratio	Lower	Upper
43	100		
58	32.6	23.8	35.8





#17

Carbon Disulfide

Concen: 44.542 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 127724

Ion Ratio Lower Upper

76 100

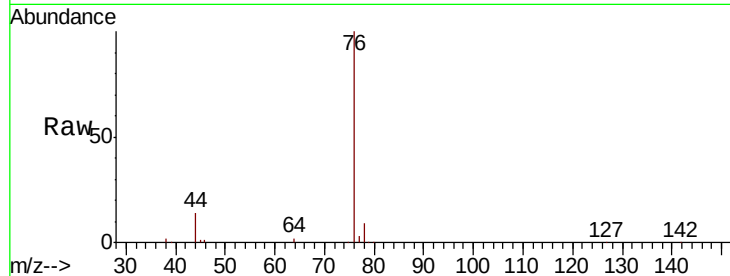
78 9.3 7.2 10.8

Manual Integrations

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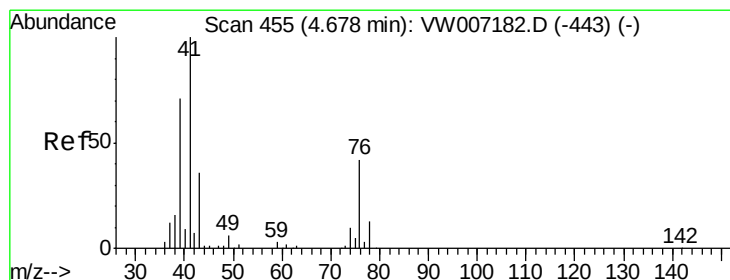
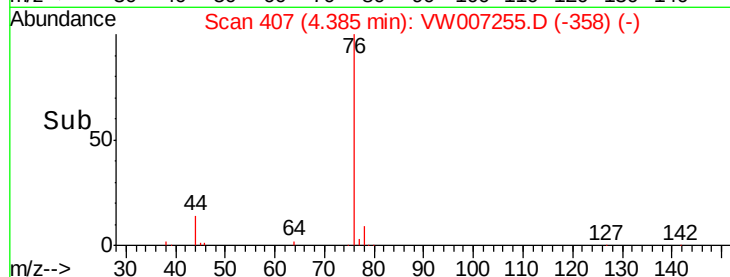
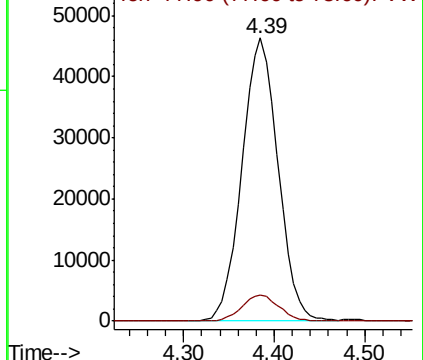
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 51.905 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007255.D

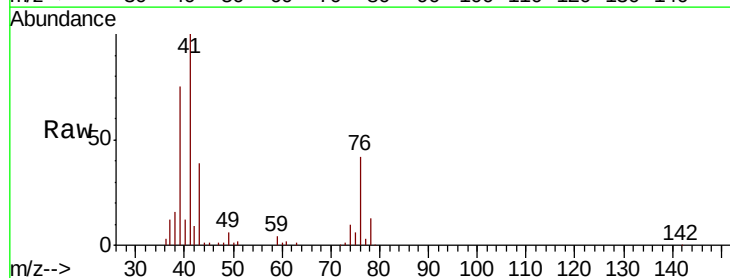
Acq: 06 Dec 2018 02:49

Tgt Ion: 43 Resp: 23726

Ion Ratio Lower Upper

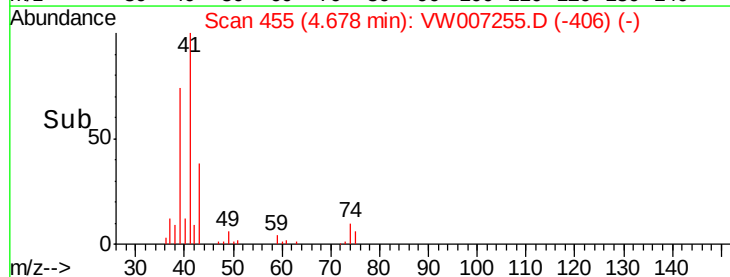
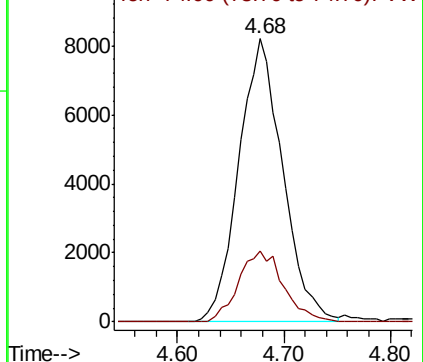
43 100

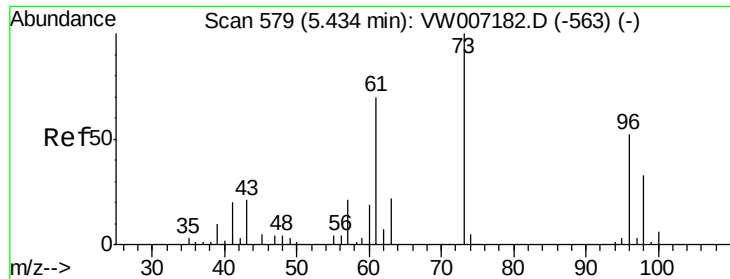
74 25.6 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





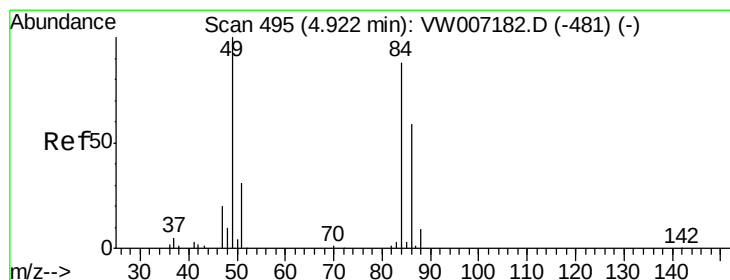
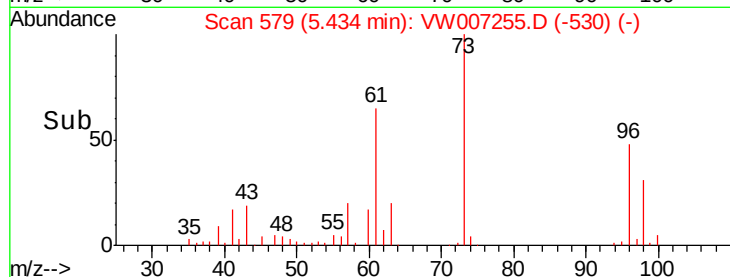
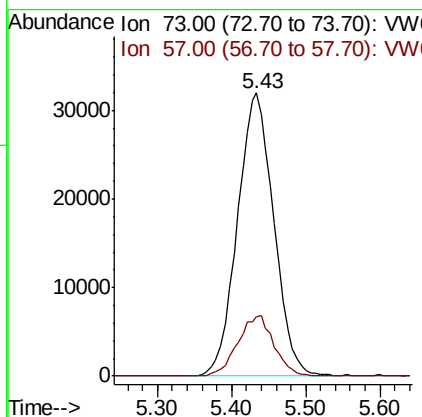
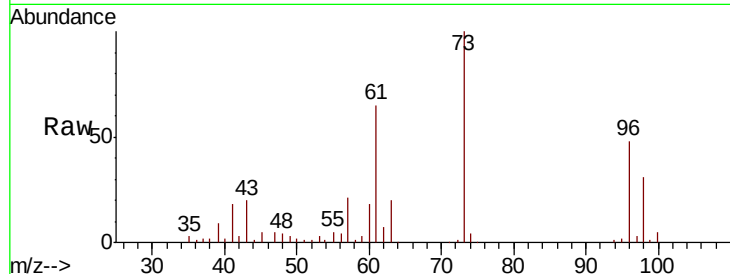
#19
Methyl tert-butyl Ether
Concen: 53.247 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 109059
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0

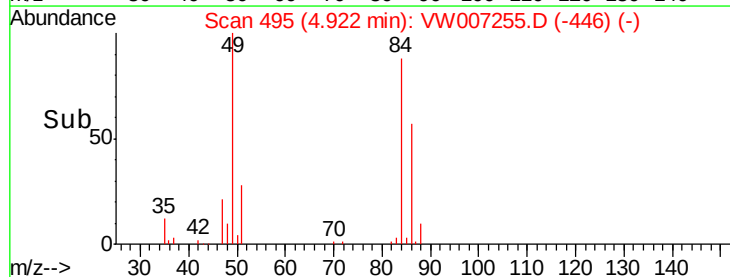
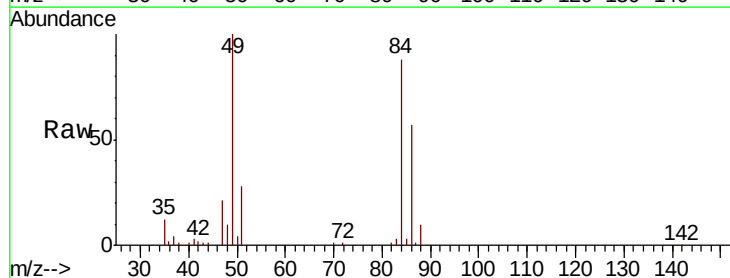
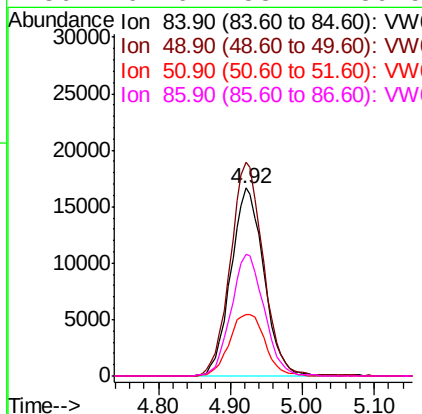
Manual Integrations
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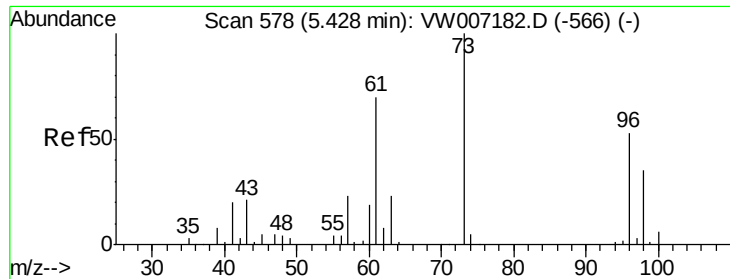
apatel
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#20
Methylene Chloride
Concen: 53.000 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 84 Resp: 53133
Ion Ratio Lower Upper
84 100
49 113.5 90.6 135.8
51 32.3 27.6 41.4
86 64.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.577 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

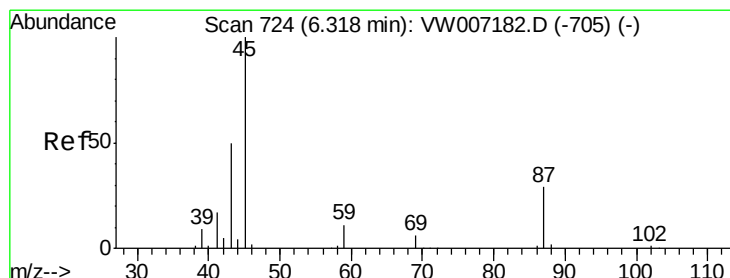
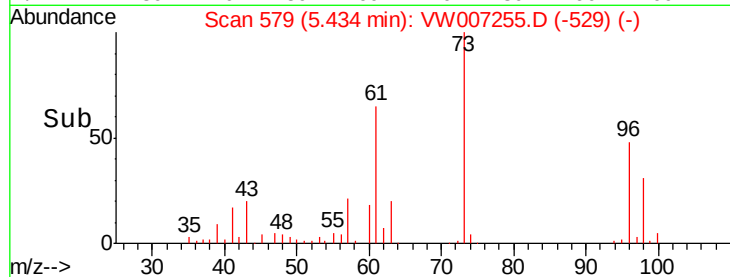
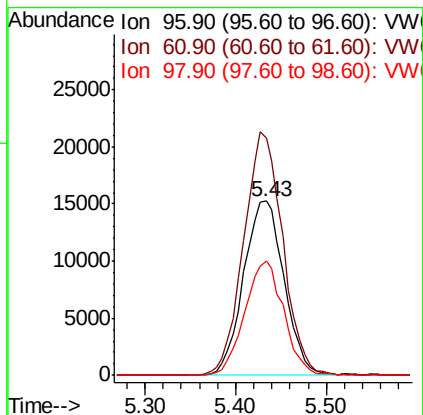
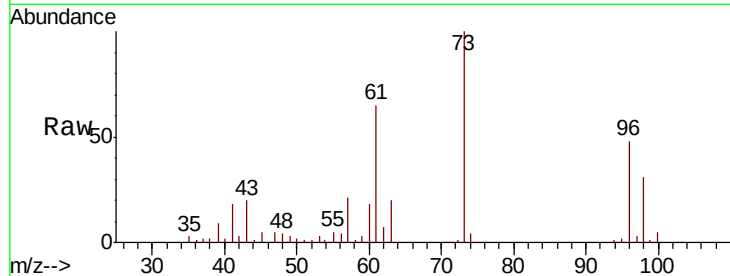
ClientSampled :

VSTDCCC050

Tgt Ion:	96	Resp:	47185
Ion	Ratio	Lower	Upper
96	100		
61	136.1	105.5	158.3
98	65.4	52.6	79.0

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#22

Diisopropyl ether

Concen: 53.233 ug/l

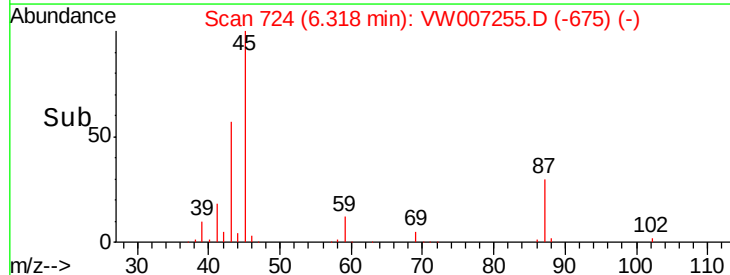
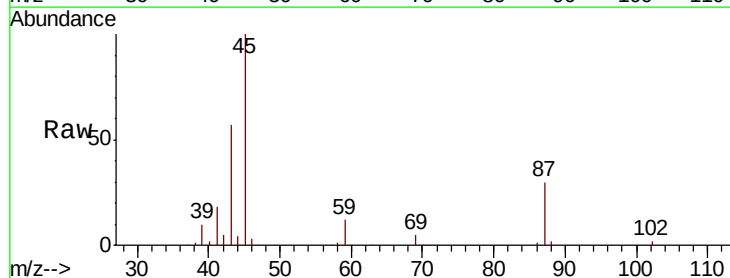
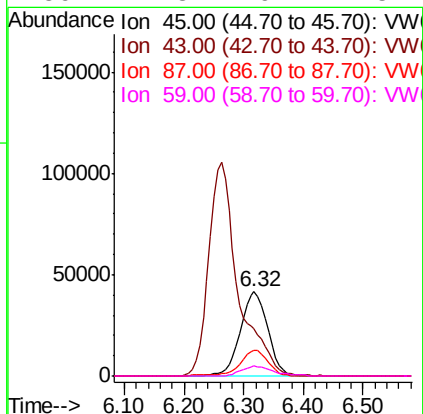
RT: 6.32 min Scan# 724

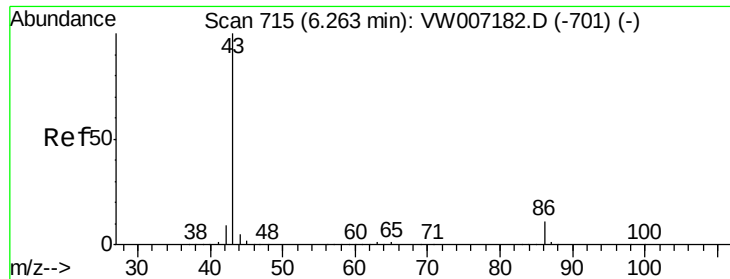
Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Tgt Ion:	45	Resp:	133251
Ion	Ratio	Lower	Upper
45	100		
43	55.9	40.8	61.2
87	30.3	24.0	36.0
59	12.3	9.1	13.7





#23

Vinyl Acetate

Concen: 263.305 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 359634

Ion Ratio Lower Upper

43 100

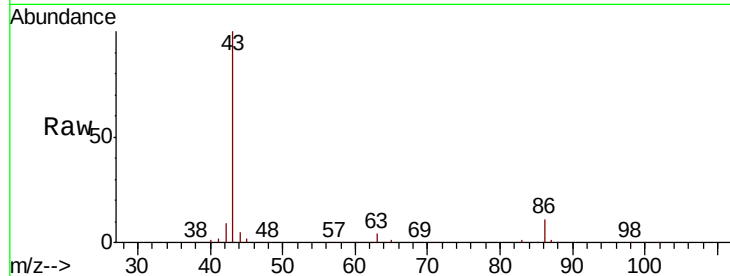
86 11.1 9.0 13.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

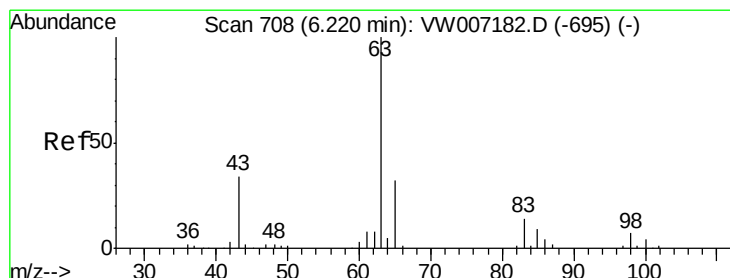
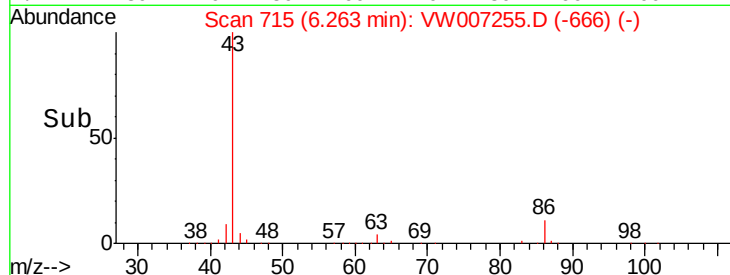
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.370 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

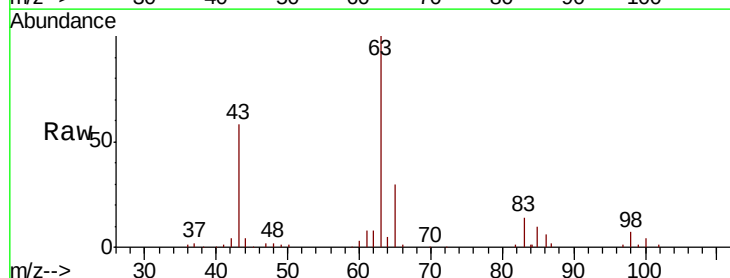
Tgt Ion: 63 Resp: 80812

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.0 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.23

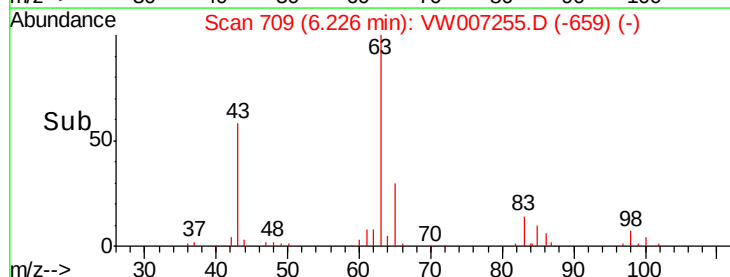
30000

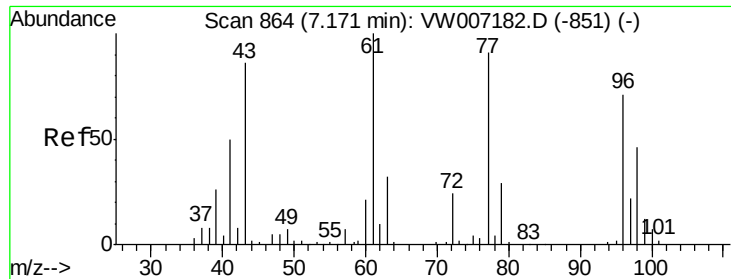
20000

10000

0

Time-->





#25

2-Butanone

Concen: 245.059 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 56887

Ion Ratio Lower Upper

43 100

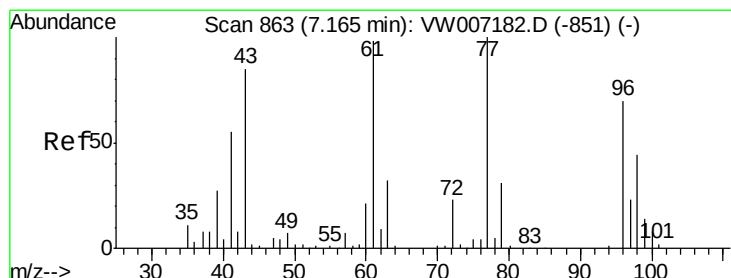
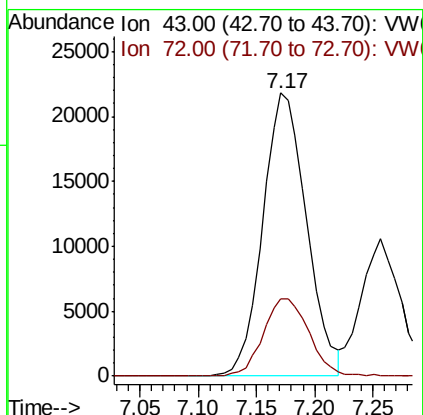
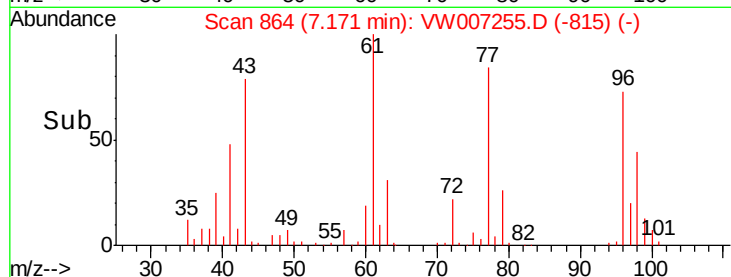
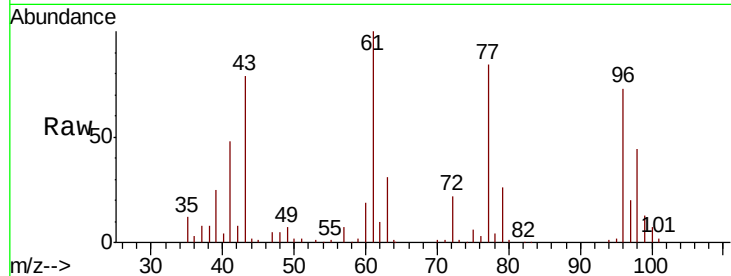
72 27.2 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.690 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007255.D

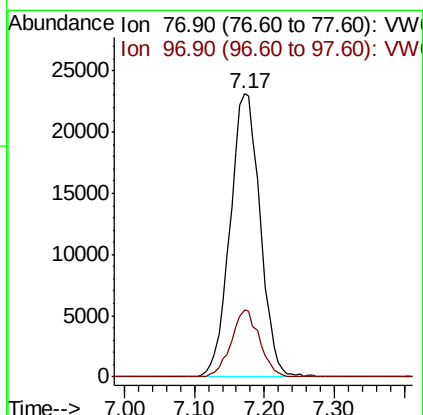
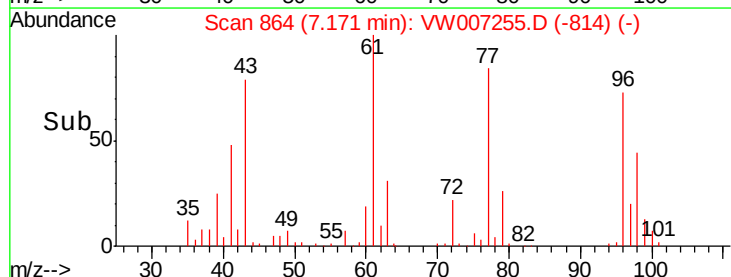
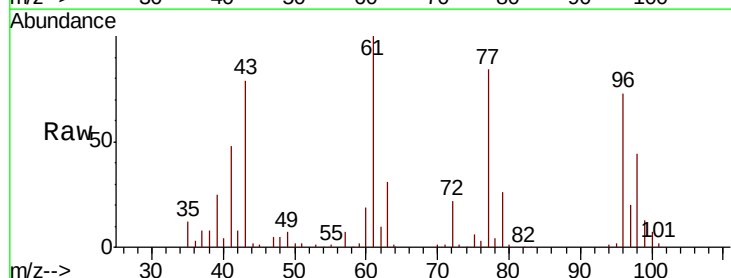
Acq: 06 Dec 2018 02:49

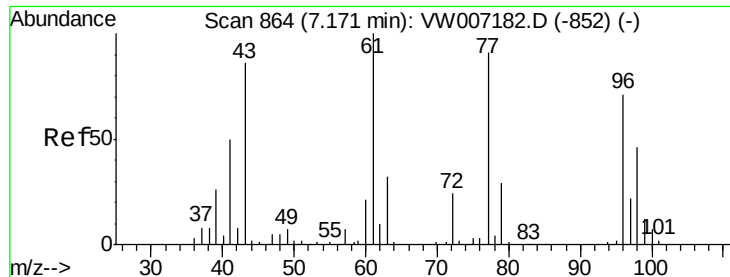
Tgt Ion: 77 Resp: 68902

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 50.629 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

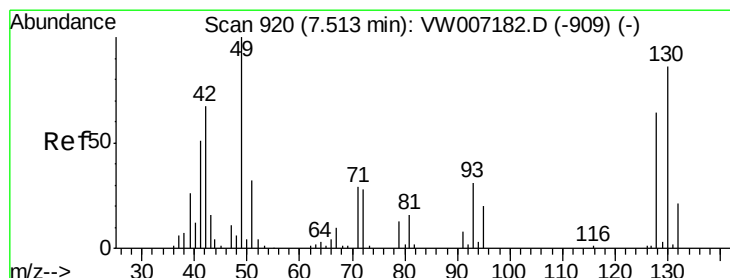
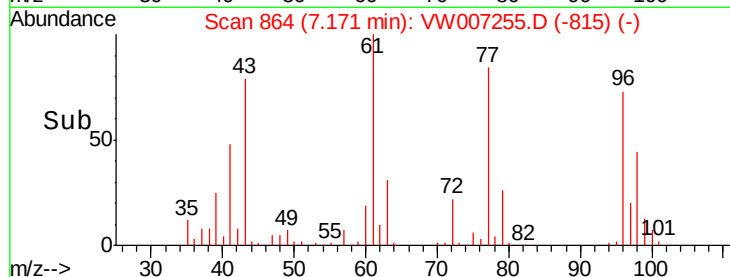
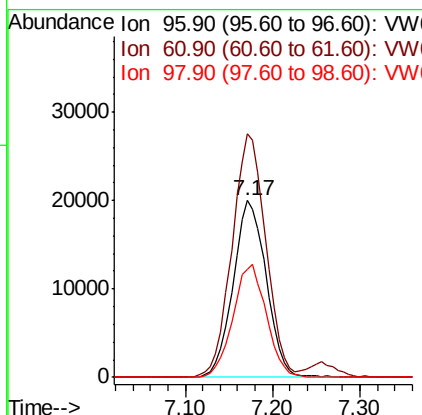
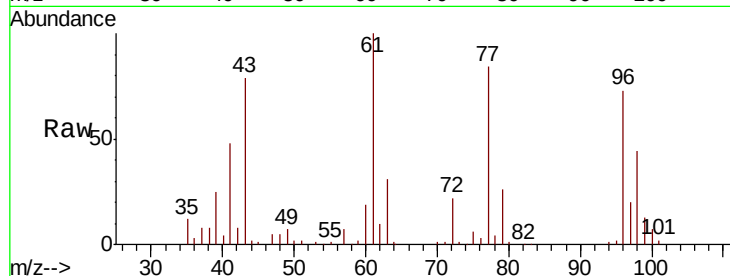
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	52719
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	282.4
98	64.2	0.0	129.8

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#28

Bromochloromethane

Concen: 54.836 ug/l

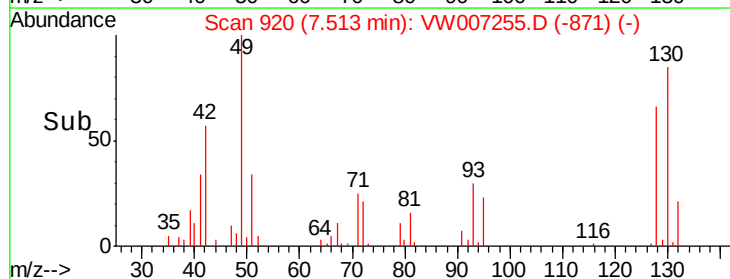
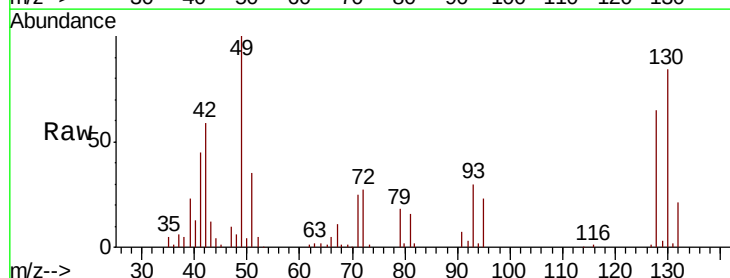
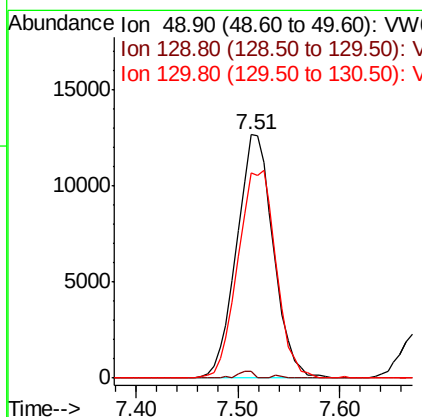
RT: 7.51 min Scan# 920

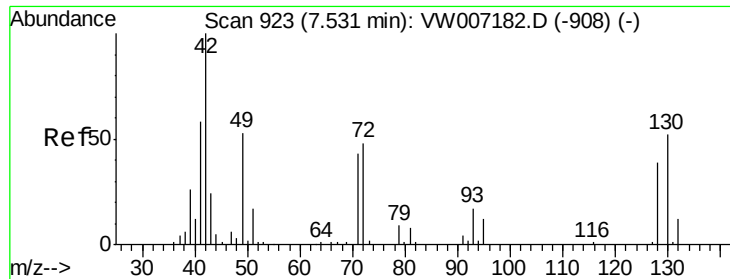
Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Tgt Ion:	49	Resp:	31723
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	88.6	70.3	105.5





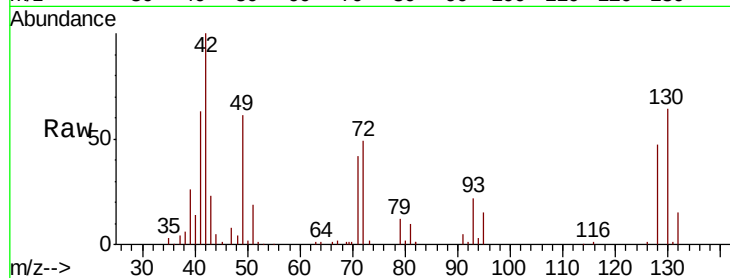
#29
Tetrahydrofuran
Concen: 261.540 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

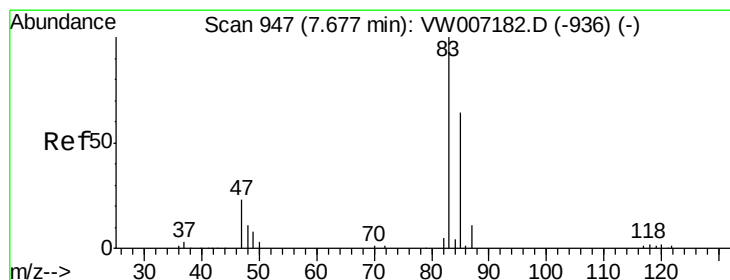
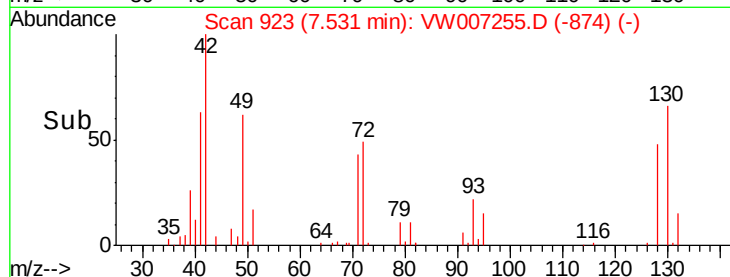
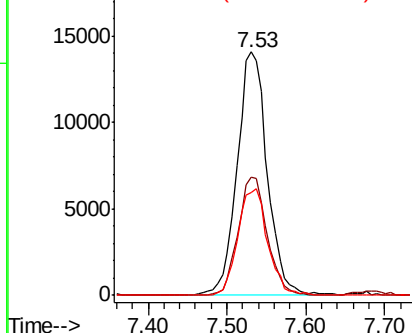
Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.7	36.6	55.0
71	43.4	34.8	52.2

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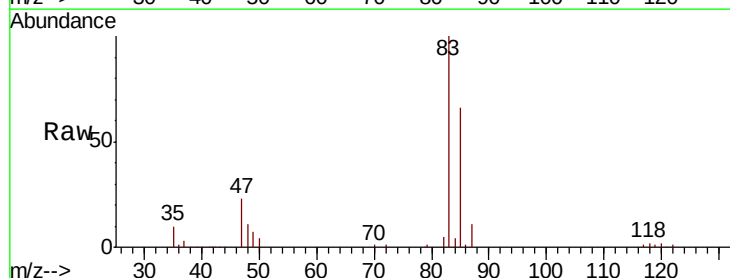


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

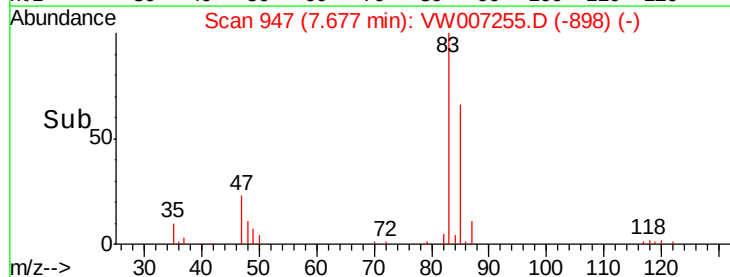
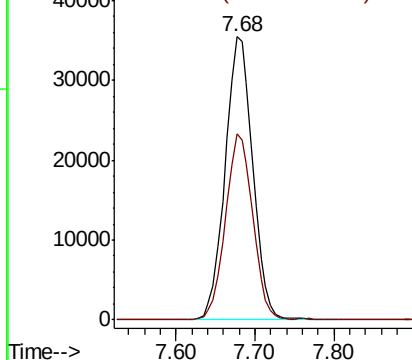


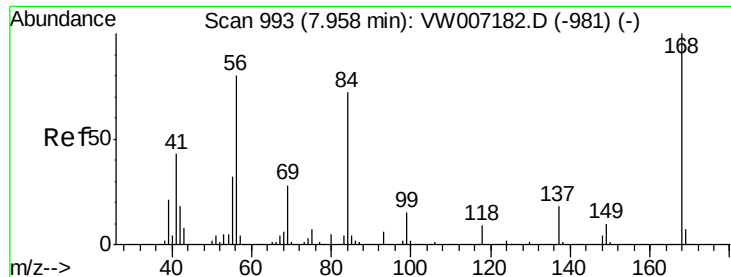
#30
Chloroform
Concen: 51.777 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.5	77.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





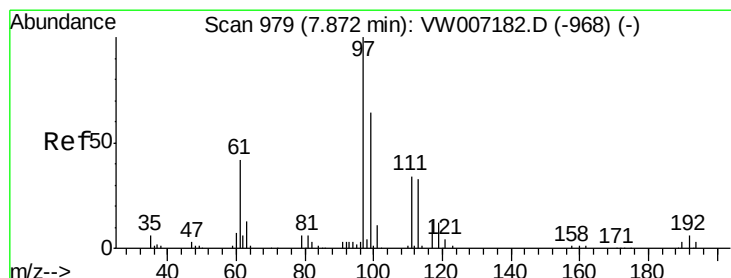
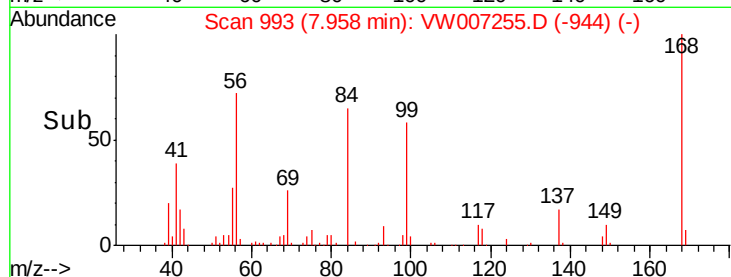
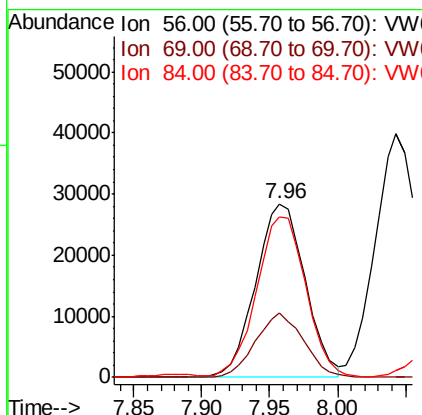
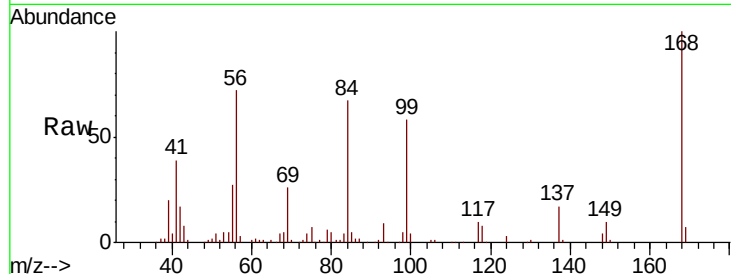
#31
Cyclohexane
Concen: 42.952 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.8	28.2	42.2
84	90.9	72.1	108.1

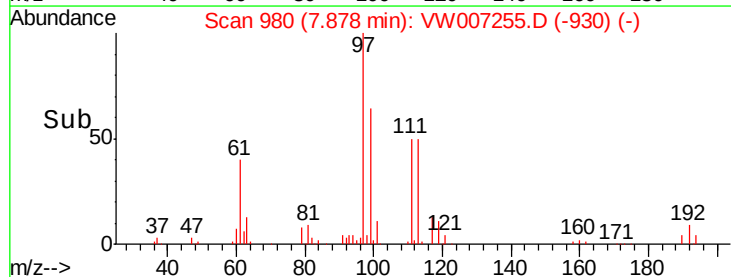
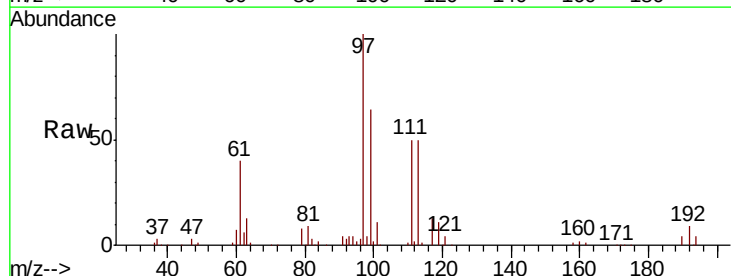
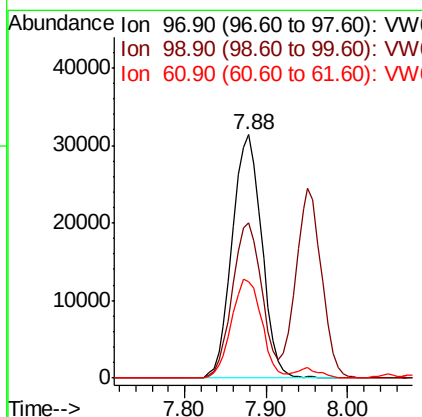
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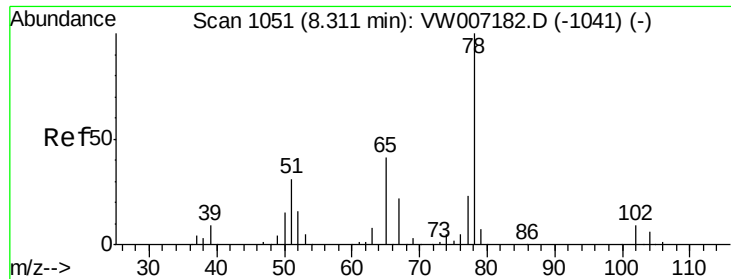
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#32
1,1,1-Trichloroethane
Concen: 50.173 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	41.8	33.2	49.8





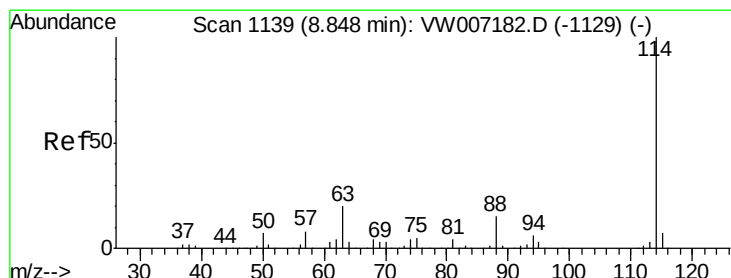
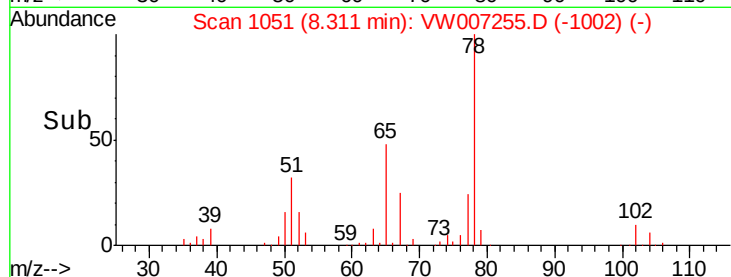
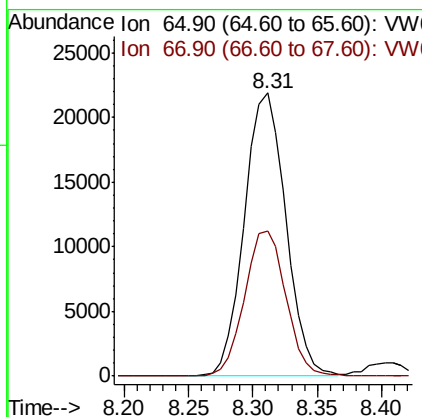
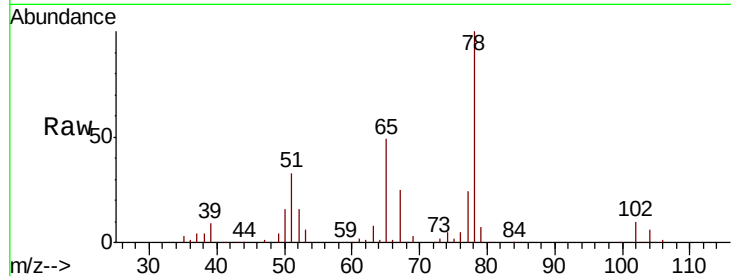
#33
 1,2-Dichloroethane-d4
 Concen: 57.716 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 48822
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.4

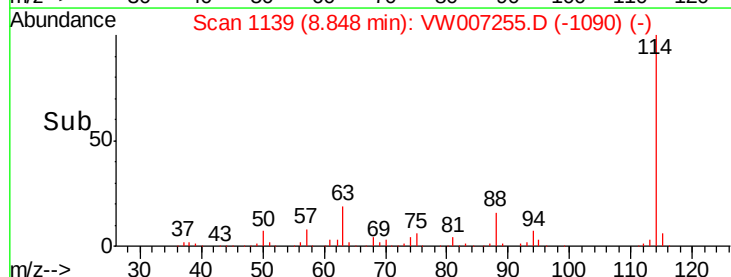
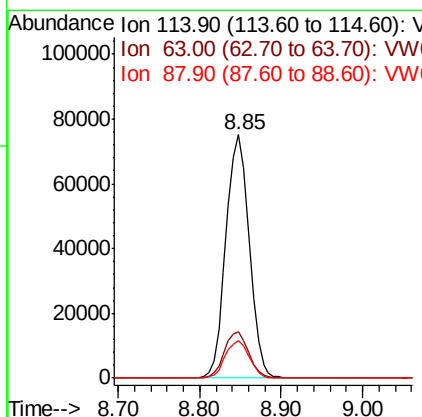
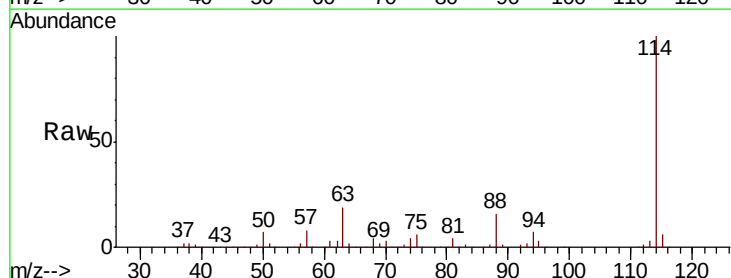
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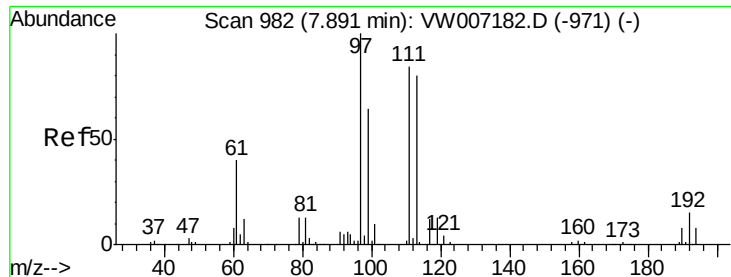
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion: 114 Resp: 148871
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.2
 88 15.5 0.0 30.0





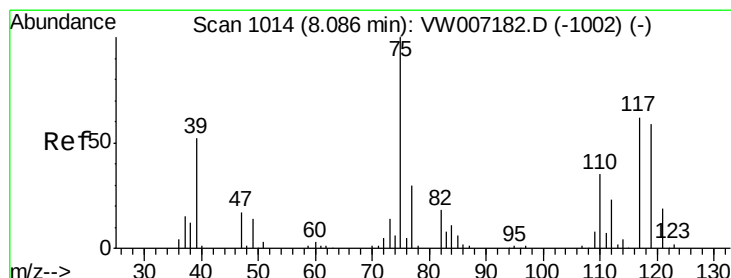
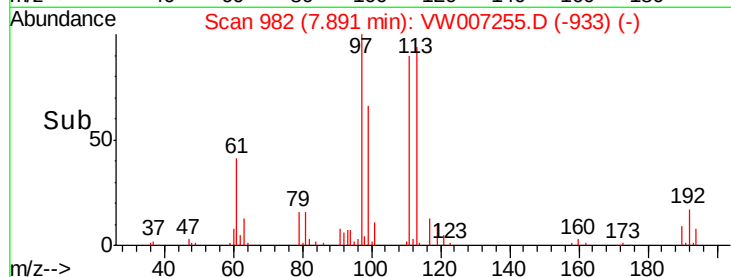
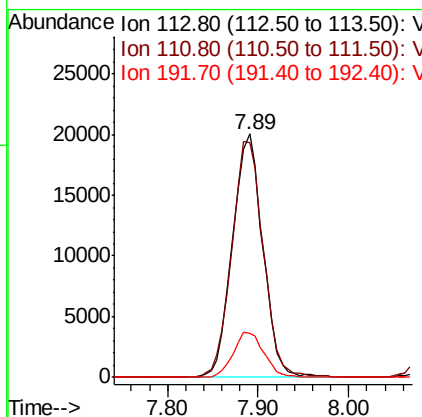
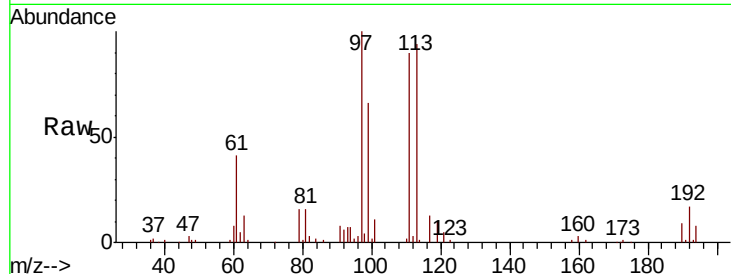
#35
 Dibromofluoromethane
 Concen: 54.618 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	46558		
111	100.7	82.2	123.4	
192	18.7	14.4	21.6	

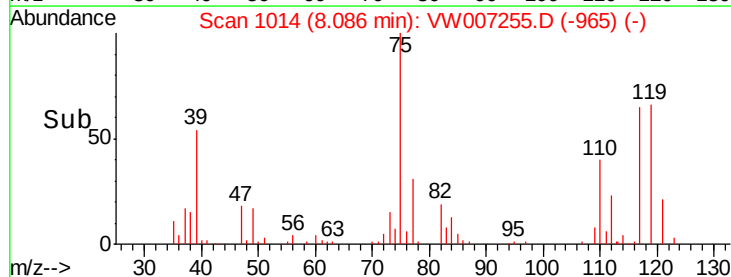
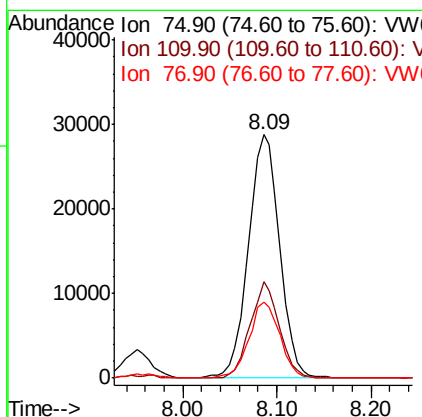
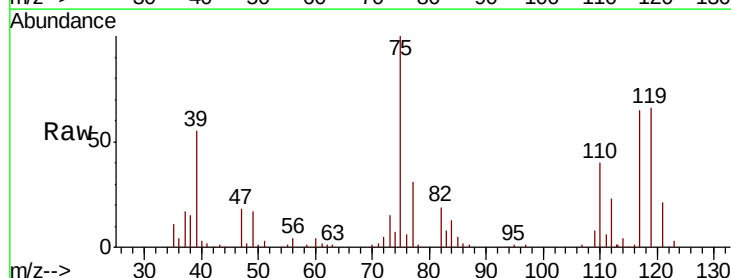
Manual Integrations
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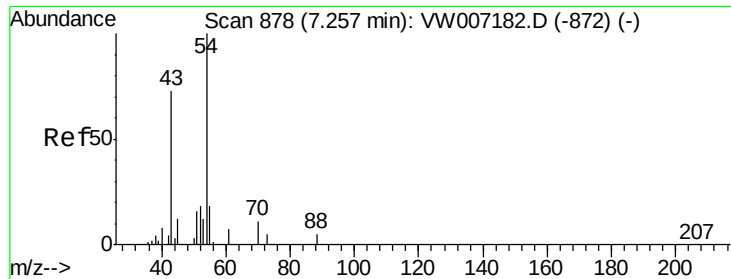
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#36
 1,1-Dichloropropene
 Concen: 46.297 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67063		
110	36.7	18.3	54.9	
77	30.8	24.9	37.3	





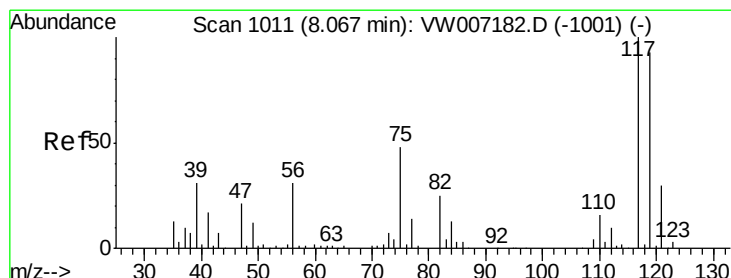
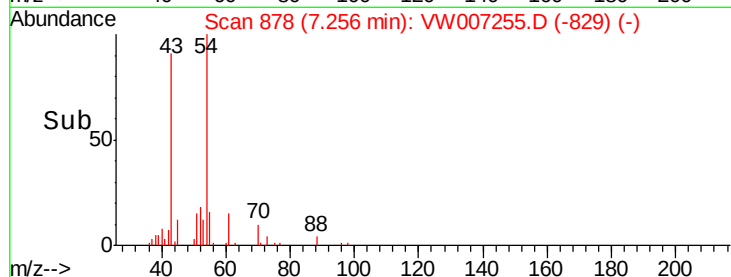
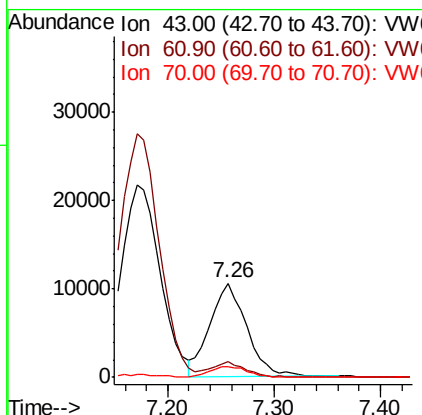
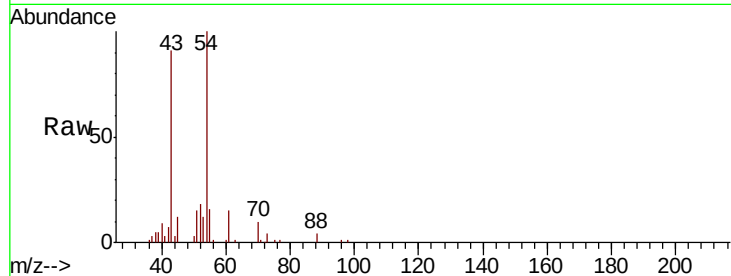
#37
Ethyl Acetate
Concen: 48.395 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.1	18.1
70	12.1	9.1	13.7

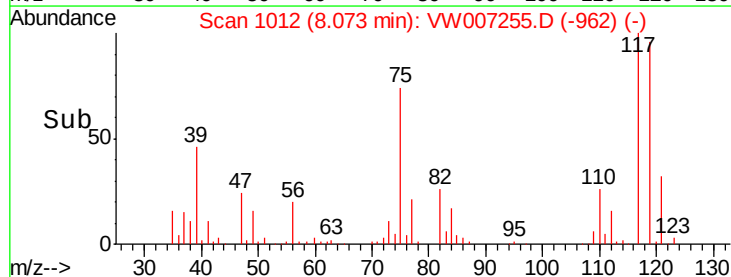
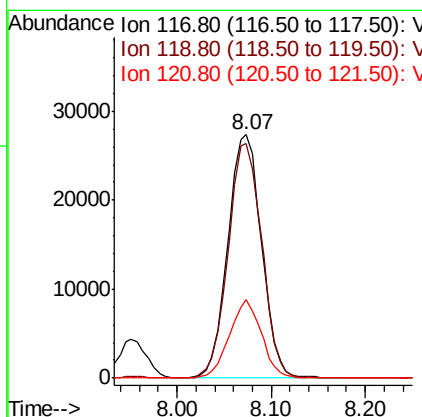
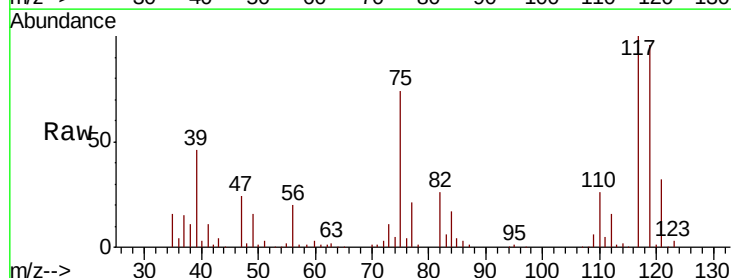
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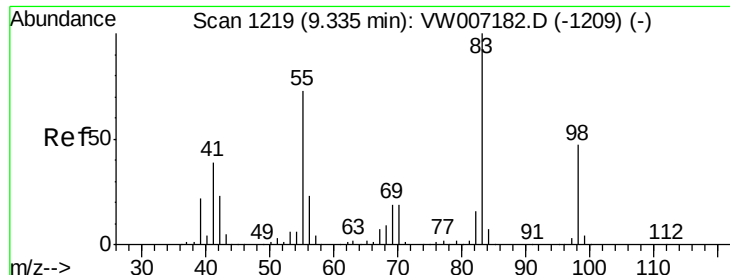
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#38
Carbon Tetrachloride
Concen: 46.055 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	74.1	111.1
121	32.4	23.9	35.9





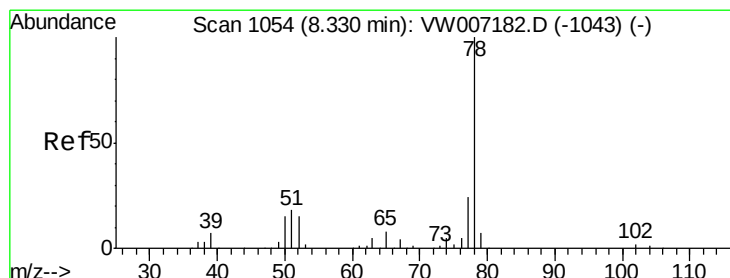
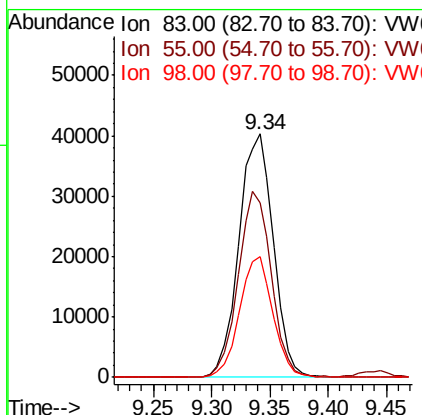
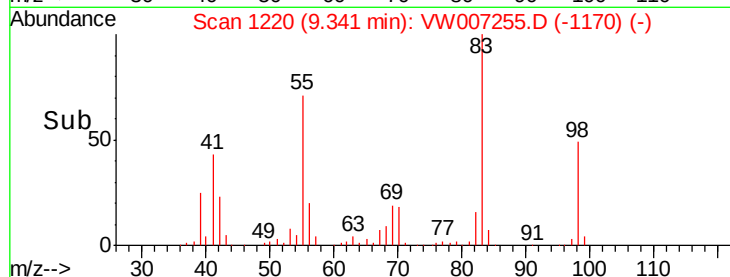
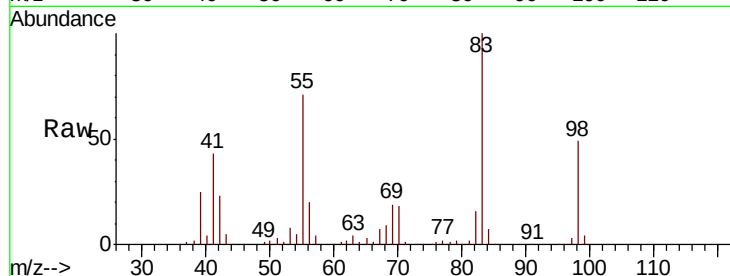
#39
Methylcyclohexane
Concen: 42.901 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.4	58.1	87.1
98	49.4	37.3	55.9

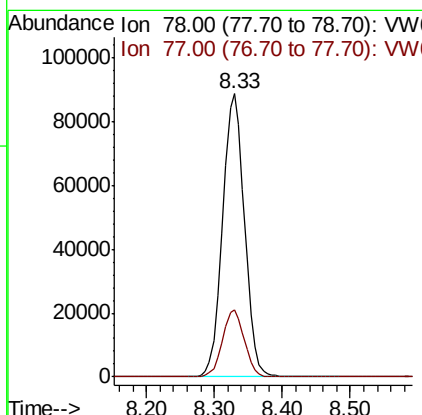
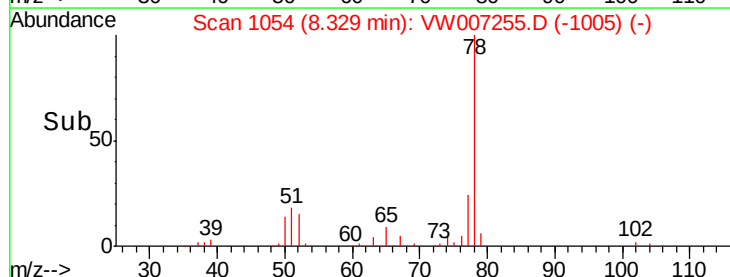
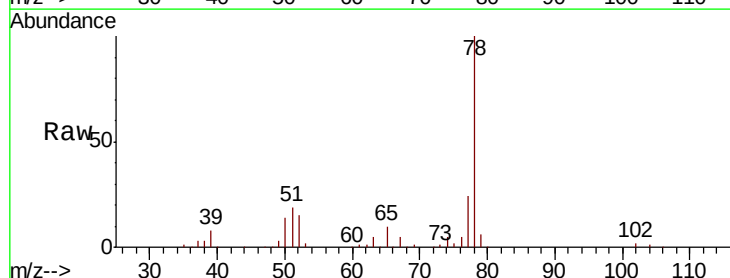
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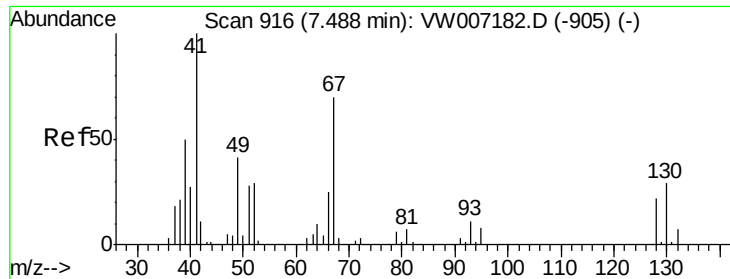
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#40
Benzene
Concen: 49.788 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.9	28.3





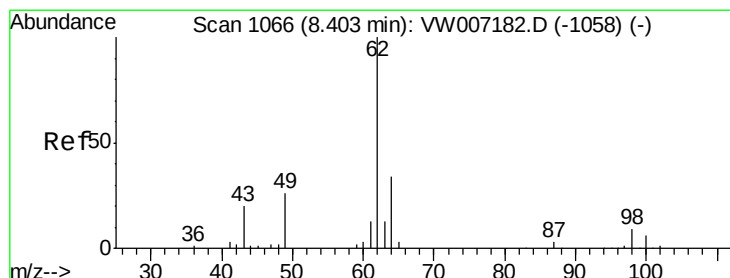
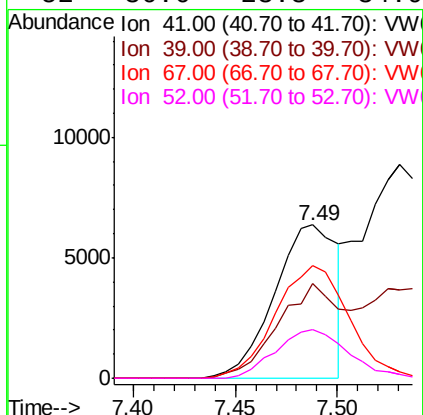
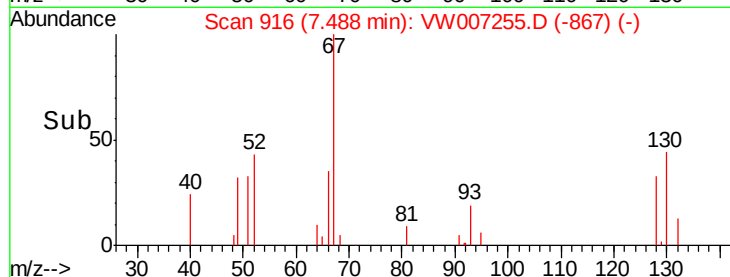
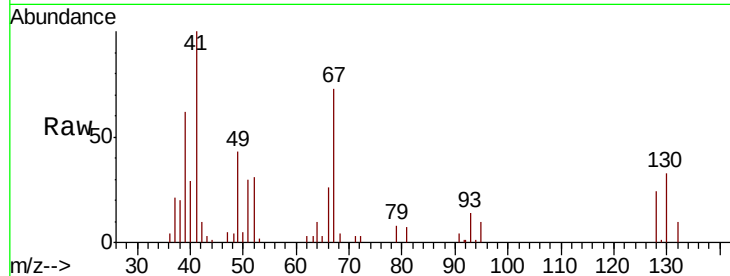
#41
Methacrylonitrile
Concen: 43.617 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.1	43.4	65.0
67	85.6	57.4	86.0
52	36.6	23.3	34.9#

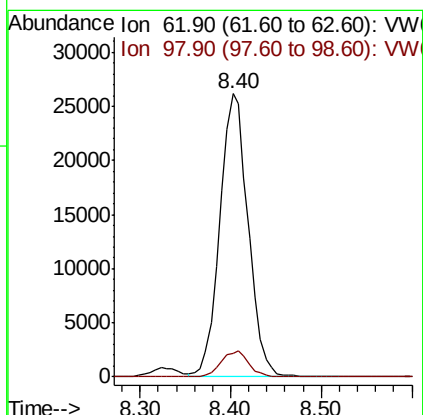
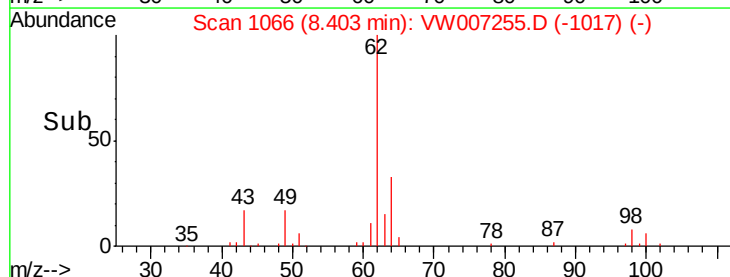
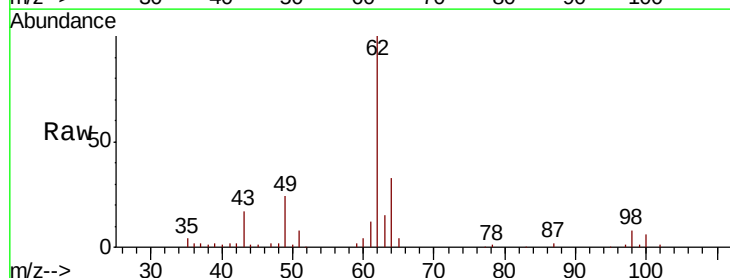
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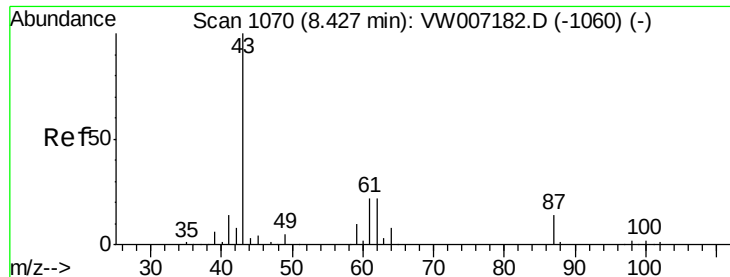
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#42
1,2-Dichloroethane
Concen: 51.263 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 50.782 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

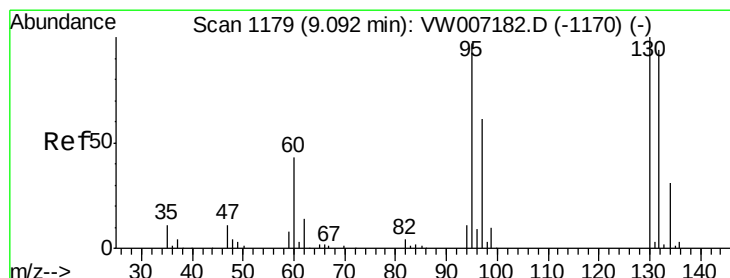
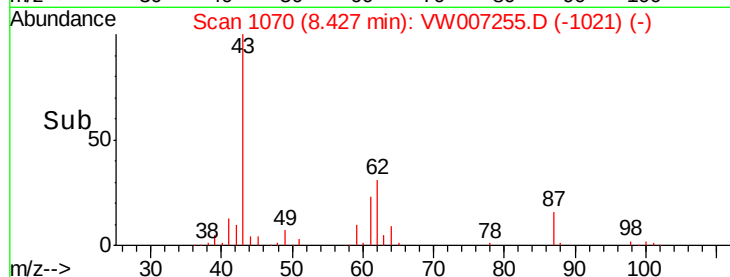
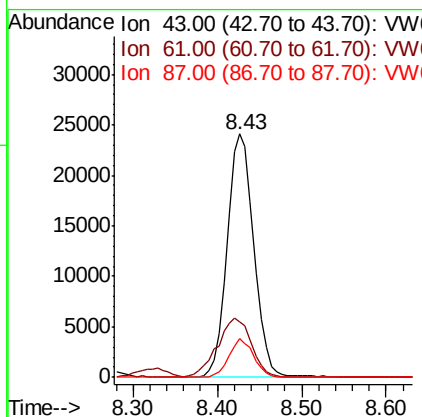
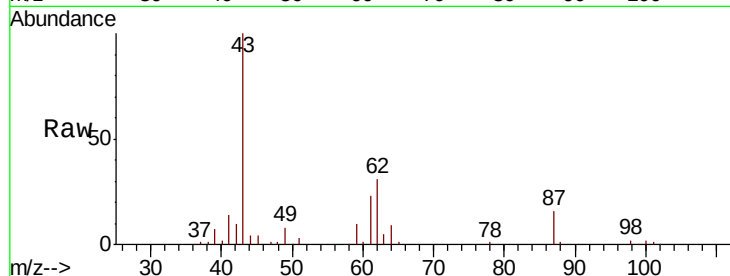
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	51679
Ion	Ratio	Lower	Upper
43	100		
61	31.4	25.4	38.0
87	14.8	11.4	17.0

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#44

Trichloroethene

Concen: 48.370 ug/l

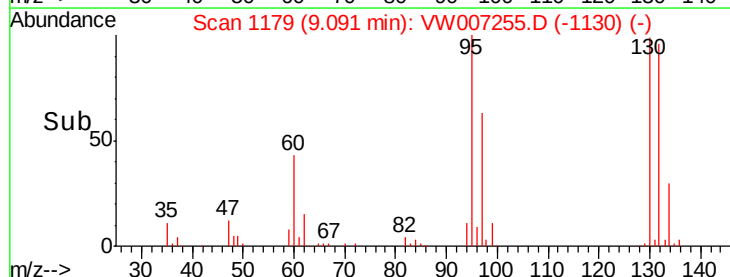
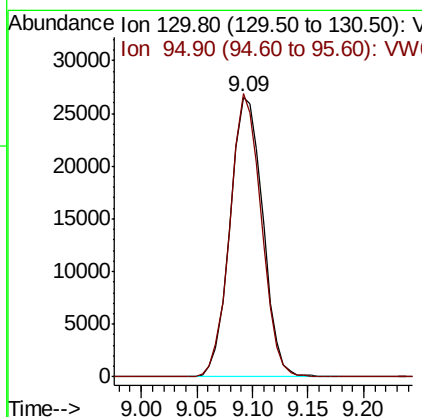
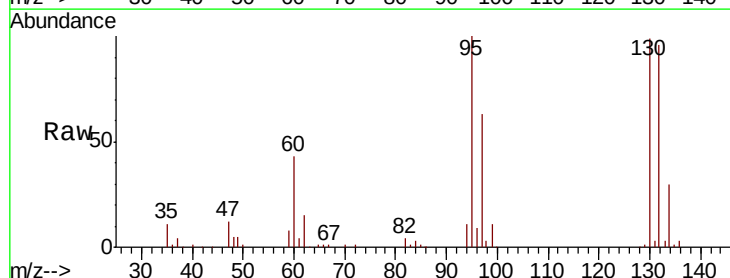
RT: 9.09 min Scan# 1179

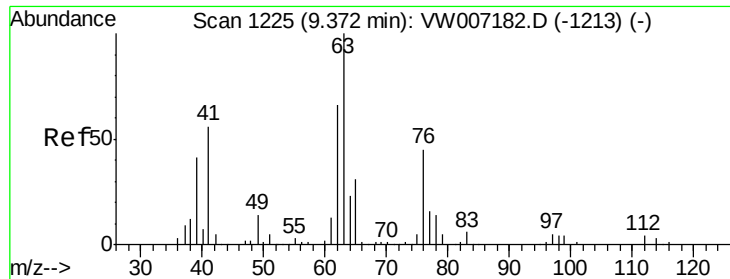
Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Tgt Ion:	130	Resp:	54006
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	194.0





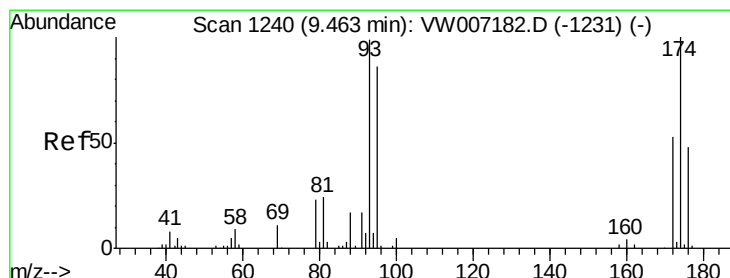
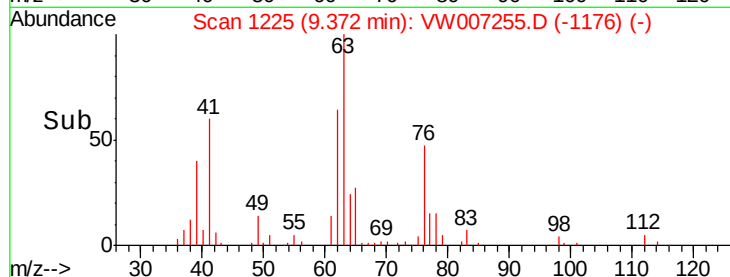
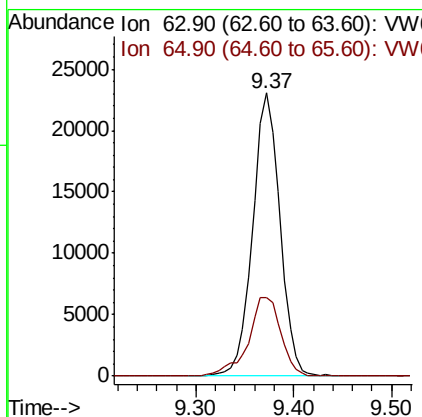
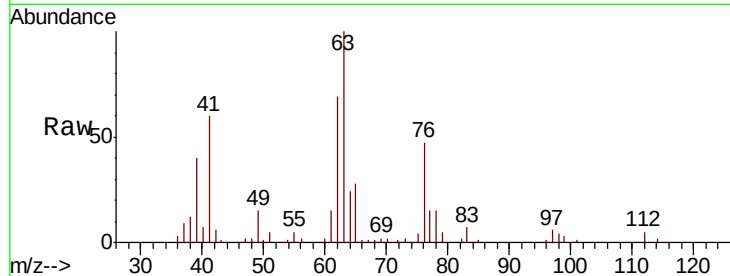
#45
 1,2-Dichloropropane
 Concen: 48.300 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 44645
 Ion Ratio Lower Upper
 63 100
 65 27.9 25.0 37.4

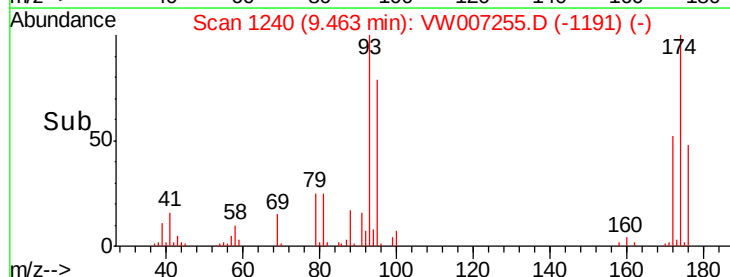
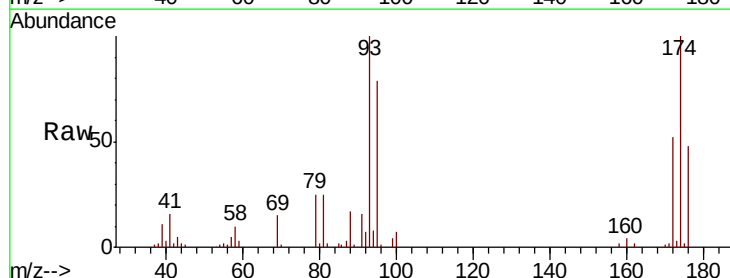
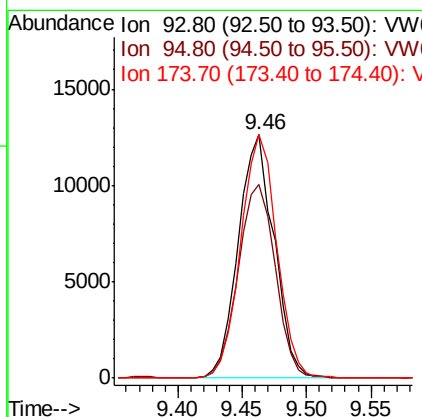
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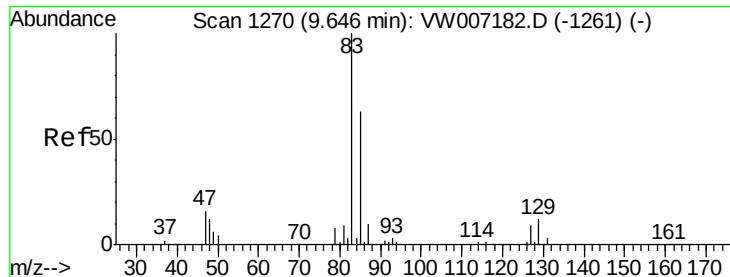
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#46
 Dibromomethane
 Concen: 50.530 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion: 93 Resp: 24270
 Ion Ratio Lower Upper
 93 100
 95 82.7 68.7 103.1
 174 100.6 82.9 124.3





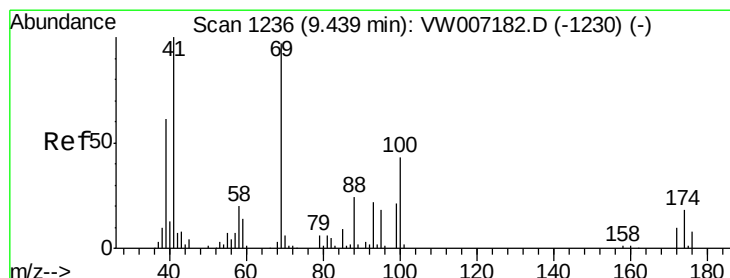
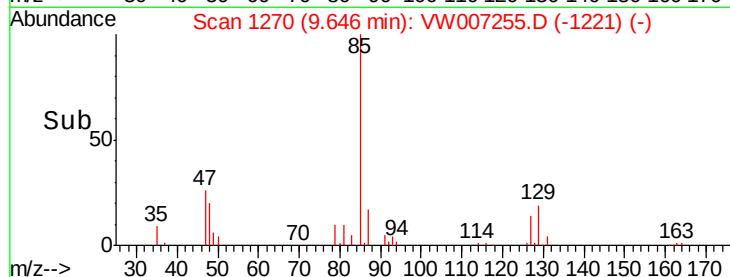
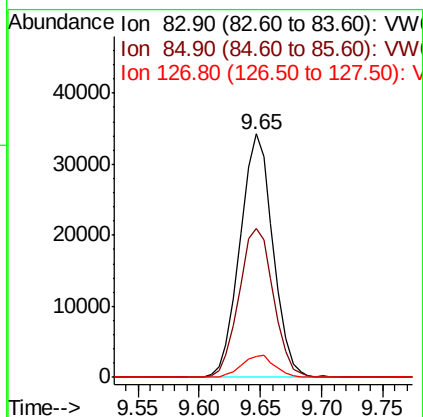
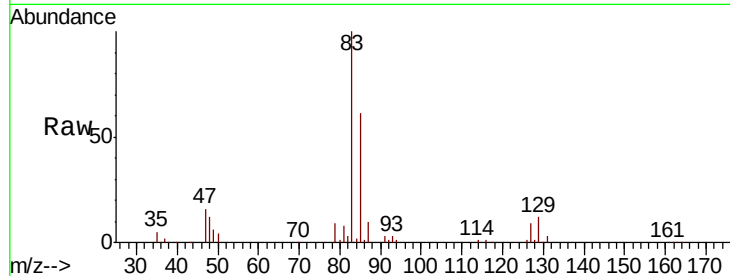
#47
Bromodichloromethane
Concen: 50.756 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	64127		
85	61.3	50.6	76.0	
127	8.8	7.3	10.9	

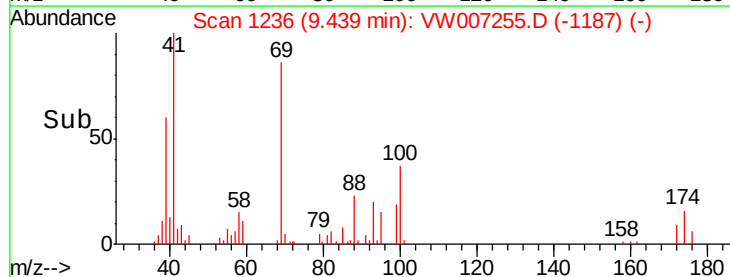
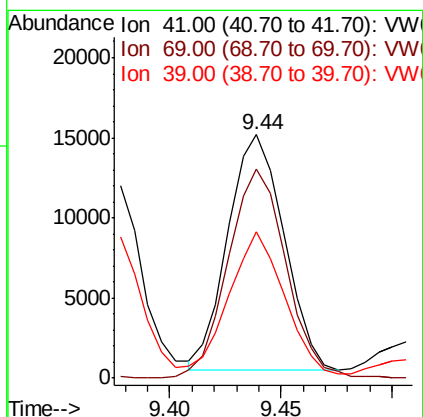
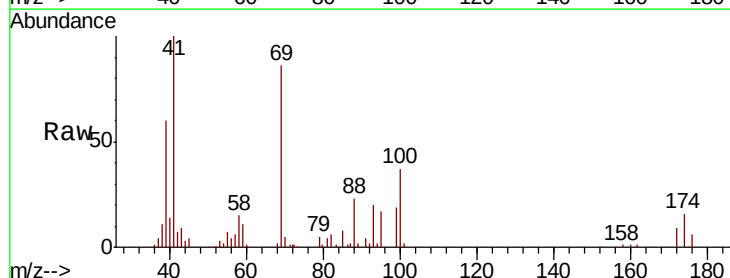
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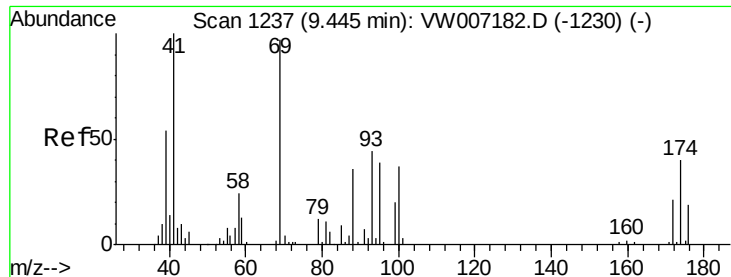
apatel
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#48
Methyl methacrylate
Concen: 48.558 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	25647		
69	92.6	69.6	104.4	
39	59.7	42.4	63.6	





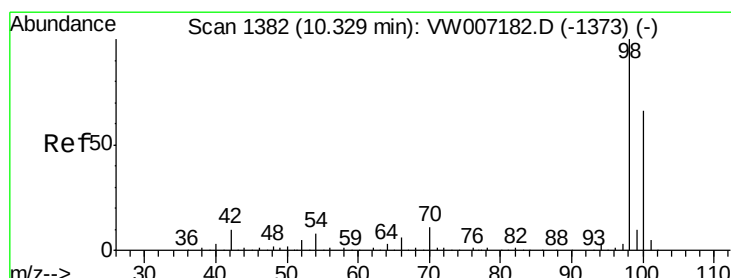
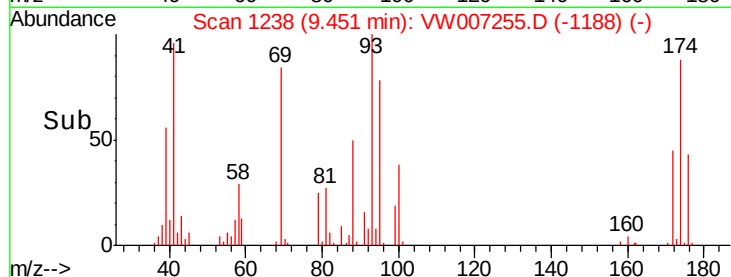
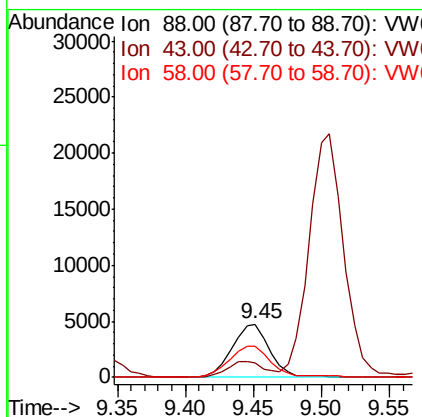
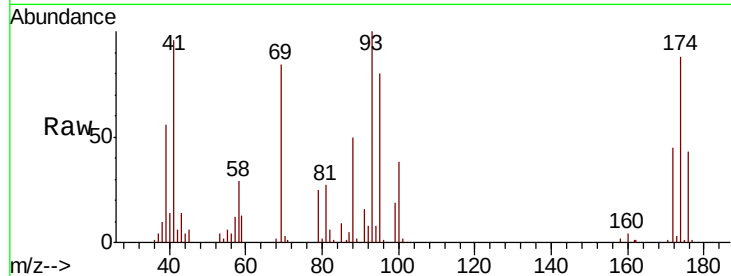
#49
1,4-Dioxane
Concen: 1088.965 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.8	38.8
58	65.9	58.9	88.3

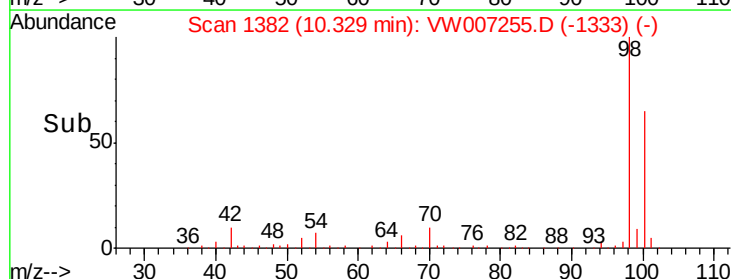
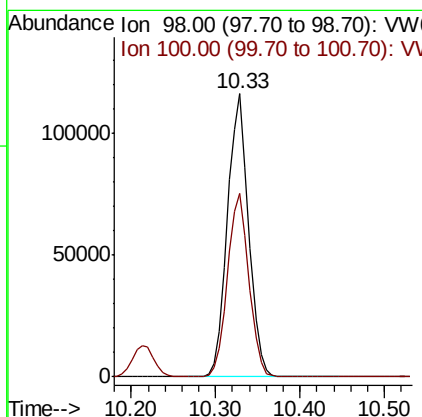
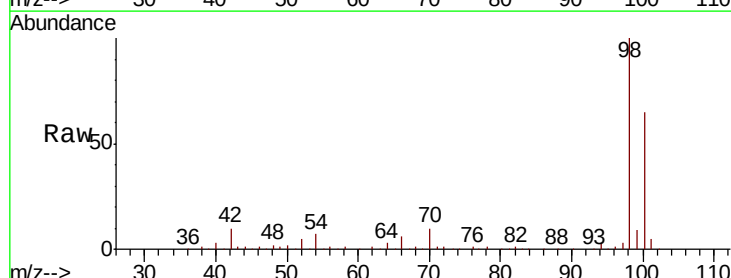
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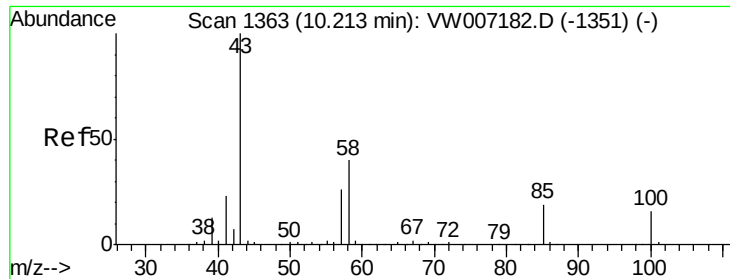
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#50
Toluene-d8
Concen: 53.265 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.7	79.1





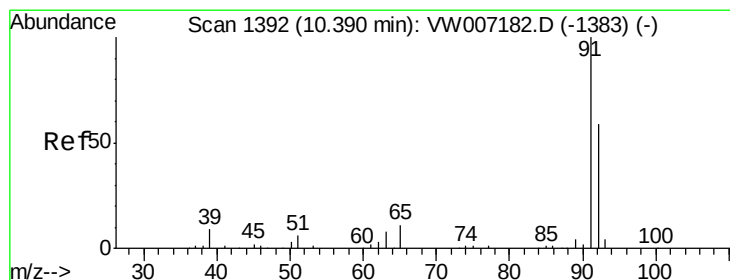
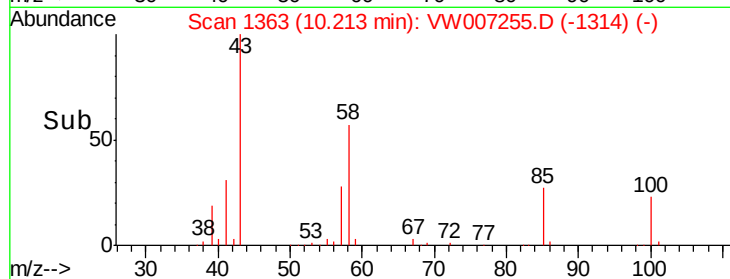
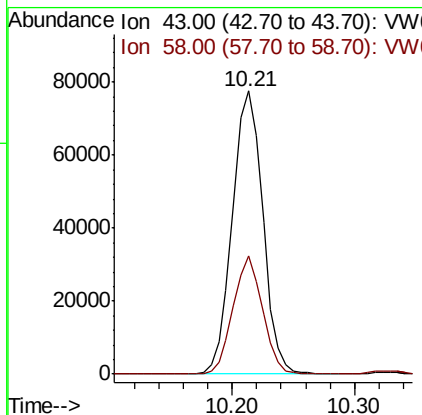
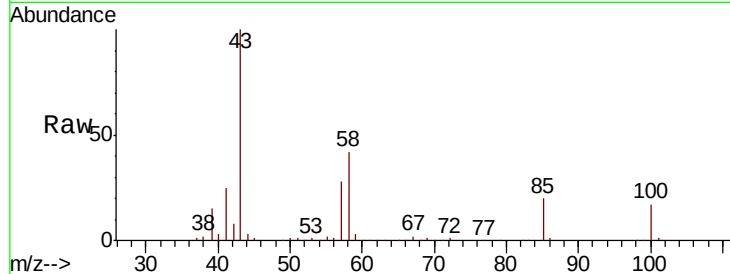
#51
 4-Methyl-2-Pentanone
 Concen: 266.838 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 43 Resp: 133821
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.3 48.5

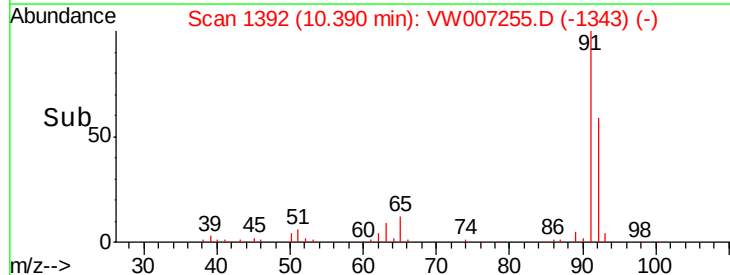
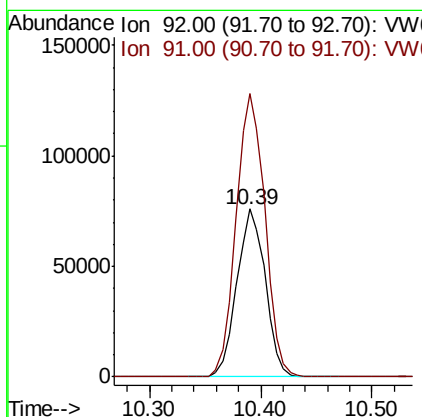
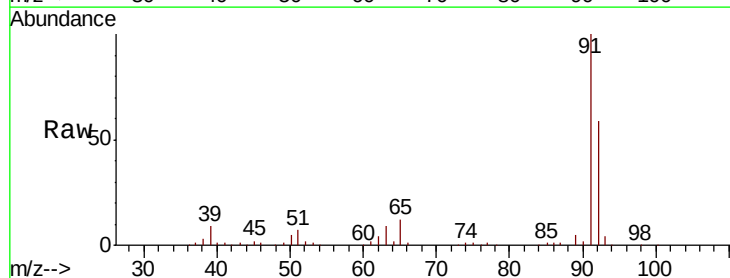
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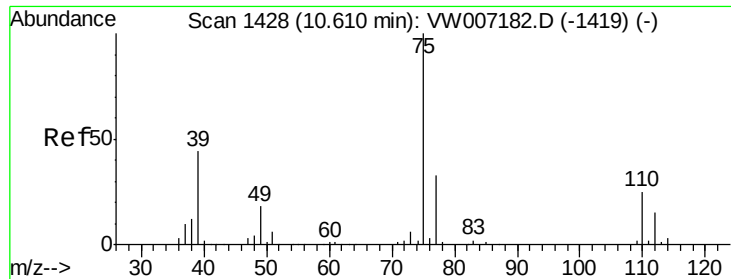
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#52
 Toluene
 Concen: 48.370 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion: 92 Resp: 133648
 Ion Ratio Lower Upper
 92 100
 91 171.6 136.0 204.0





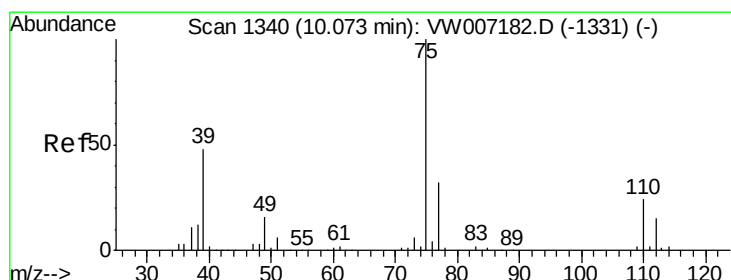
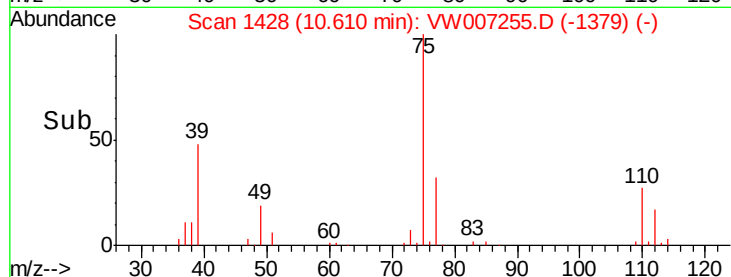
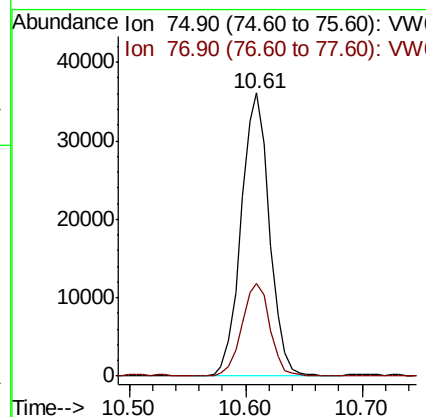
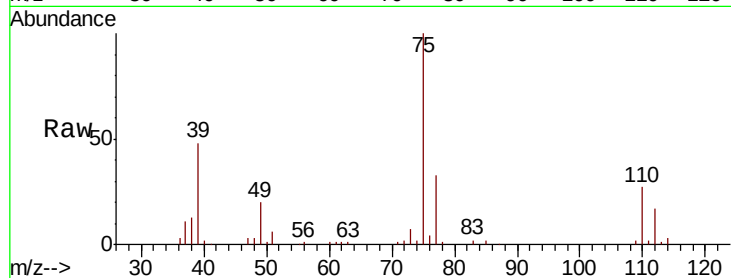
#53
 t-1,3-Dichloropropene
 Concen: 48.112 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 61114
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.2 39.2

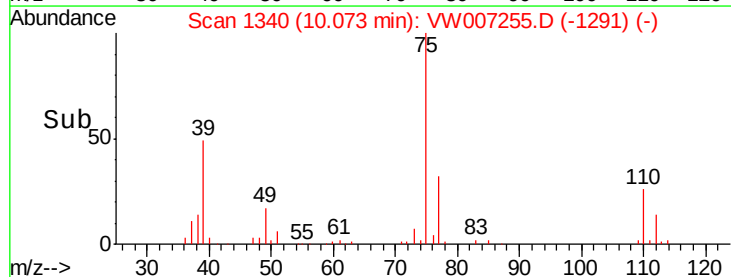
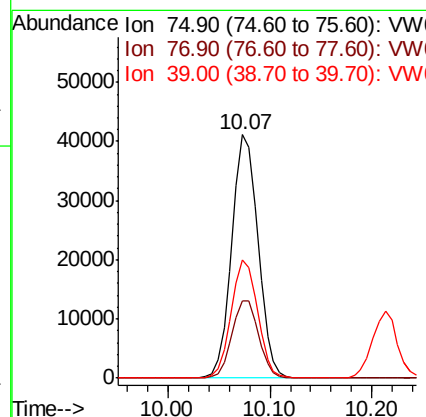
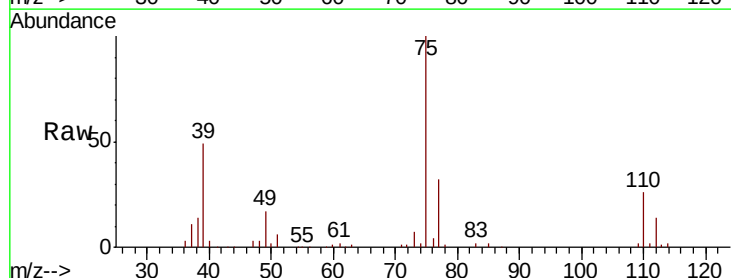
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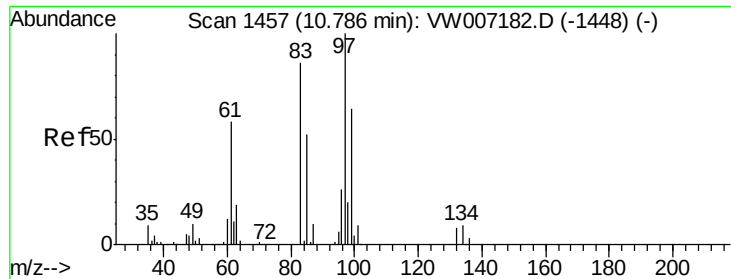
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#54
 cis-1,3-Dichloropropene
 Concen: 49.205 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion: 75 Resp: 73247
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.0 39.0
 39 48.6 38.0 57.0





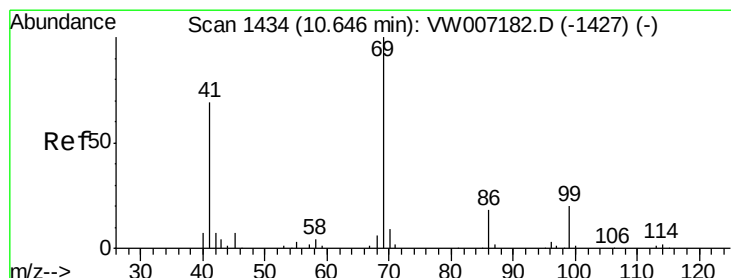
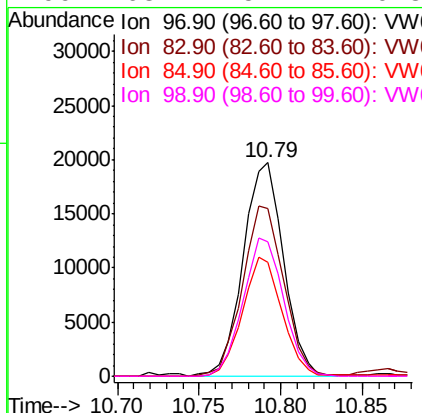
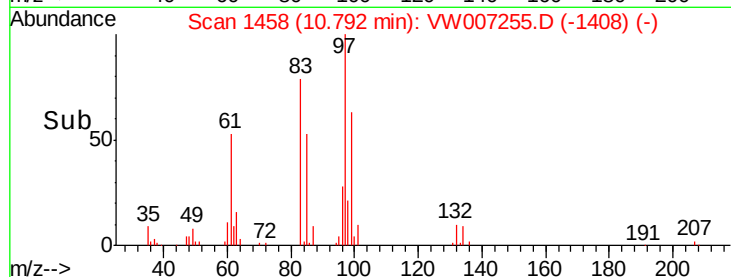
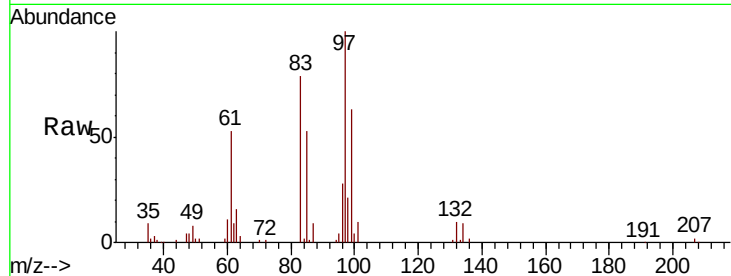
#55
 1,1,2-Trichloroethane
 Concen: 49.817 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	34035
Ion	Ratio	Lower	Upper
97	100		
83	78.7	68.6	102.8
85	53.4	41.4	62.2
99	63.1	51.2	76.8

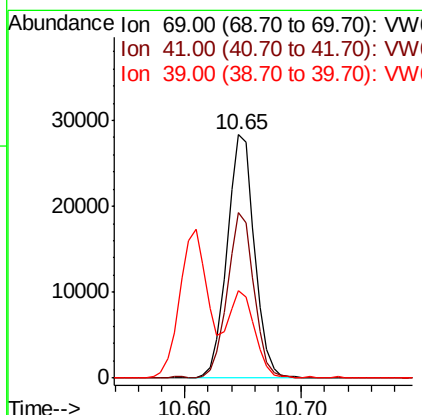
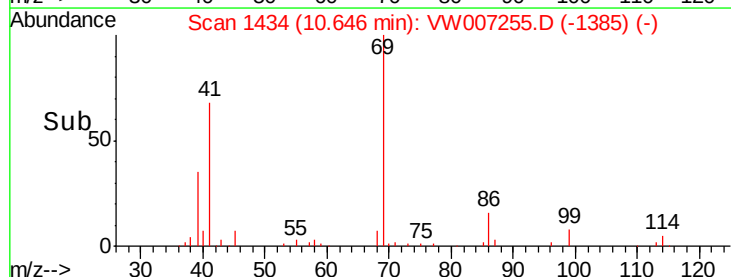
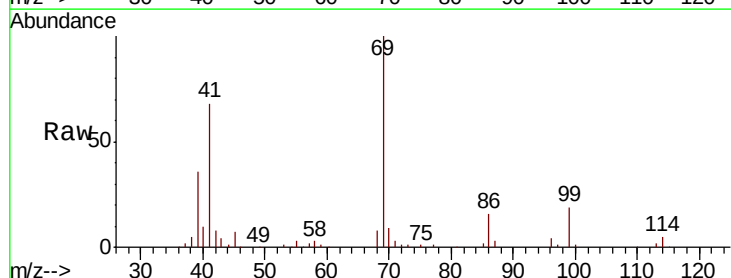
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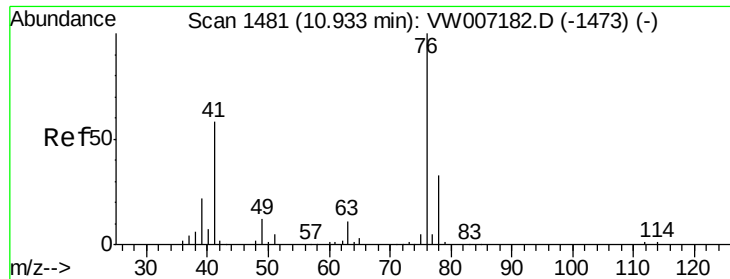
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#56
 Ethyl methacrylate
 Concen: 51.935 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion:	69	Resp:	46284
Ion	Ratio	Lower	Upper
69	100		
41	65.6	51.8	77.6
39	35.1	28.7	43.1





#57

1,3-Dichloropropane

Concen: 50.953 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 76 Resp: 58772

Ion Ratio Lower Upper

76 100

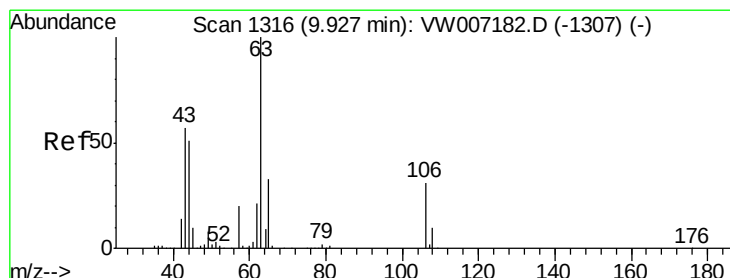
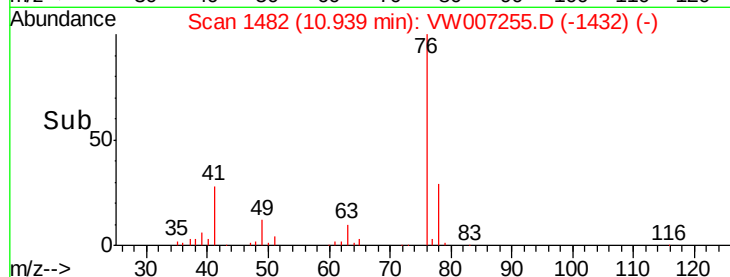
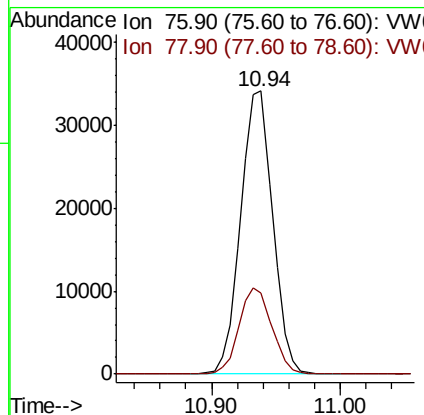
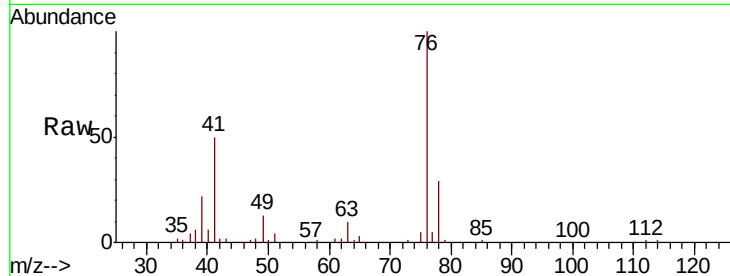
78 31.4 26.6 40.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 266.062 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007255.D

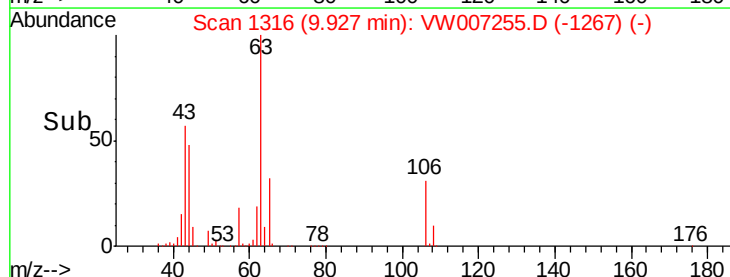
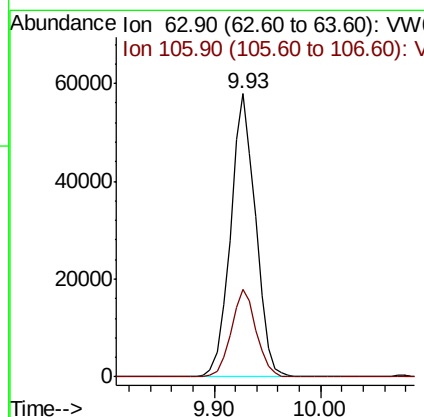
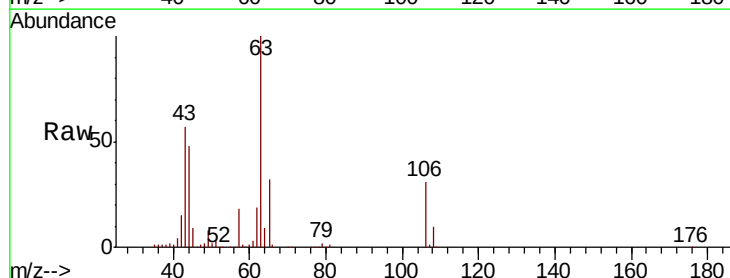
Acq: 06 Dec 2018 02:49

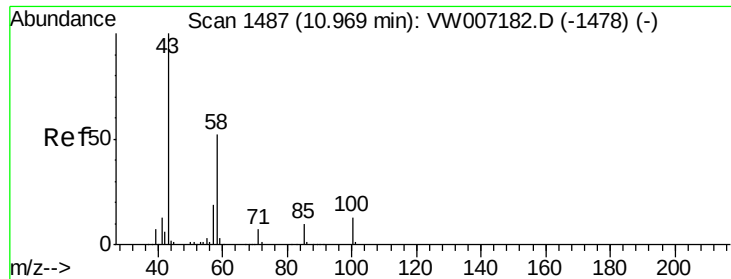
Tgt Ion: 63 Resp: 95240

Ion Ratio Lower Upper

63 100

106 30.5 24.1 36.1





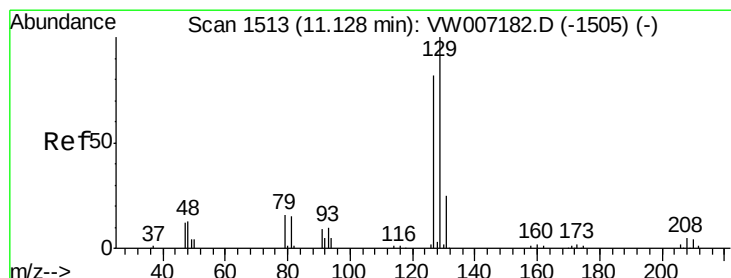
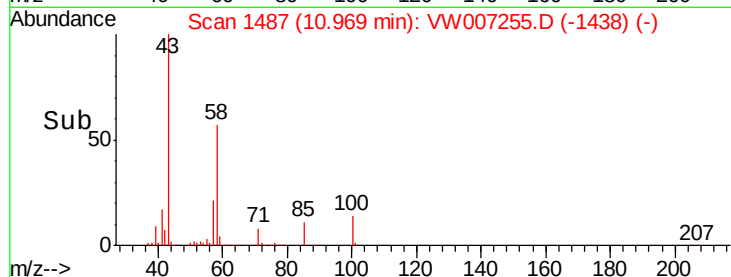
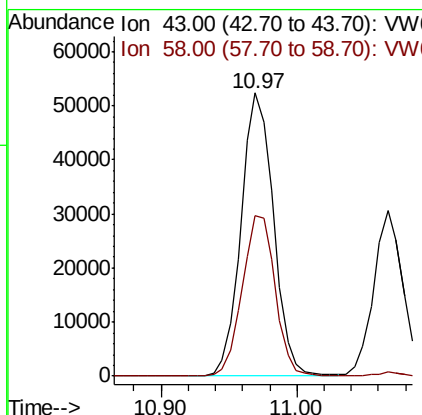
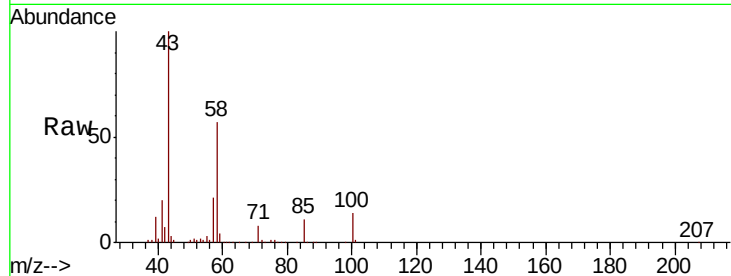
#59
2-Hexanone
Concen: 241.185 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 87683
Ion Ratio Lower Upper
43 100
58 57.4 28.1 84.4

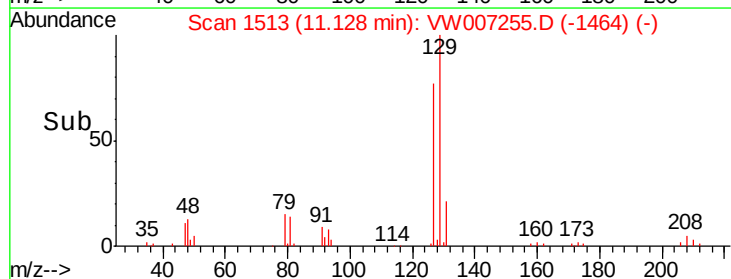
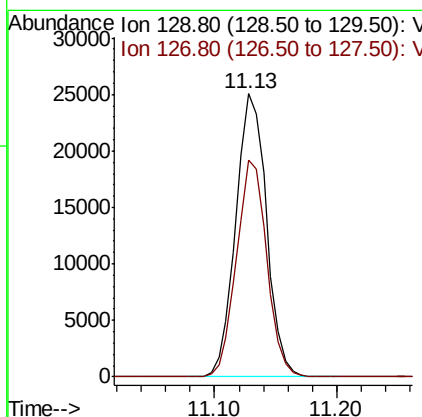
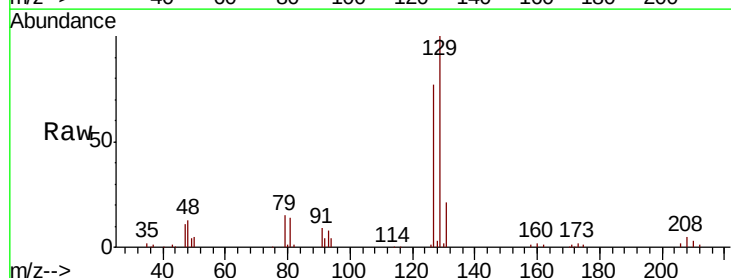
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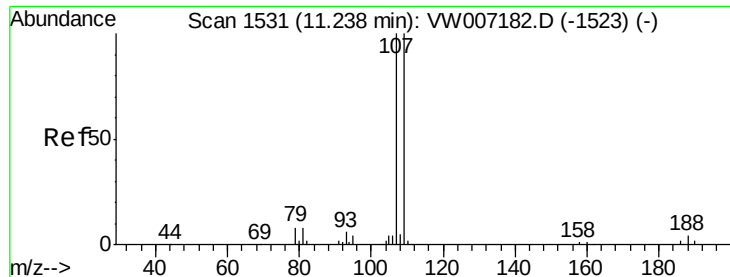
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#60
Dibromochloromethane
Concen: 51.931 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 129 Resp: 43606
Ion Ratio Lower Upper
129 100
127 75.5 39.8 119.4





#61

1,2-Dibromoethane

Concen: 50.773 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 33271

Ion Ratio Lower Upper

107 100

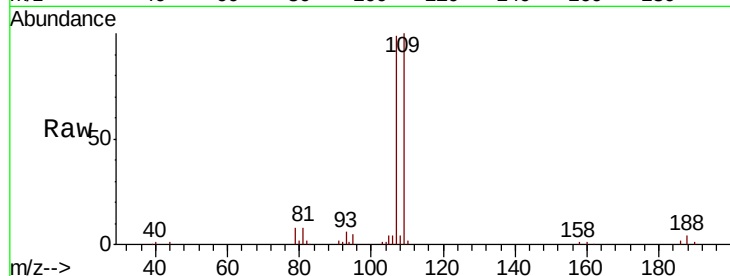
109 98.7 77.3 115.9

Manual Integrations

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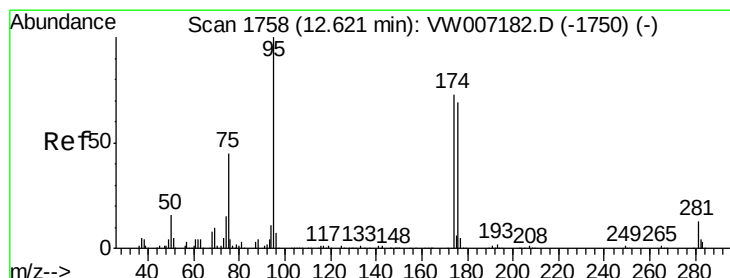
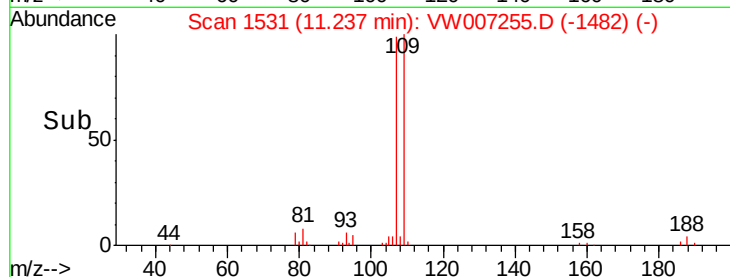
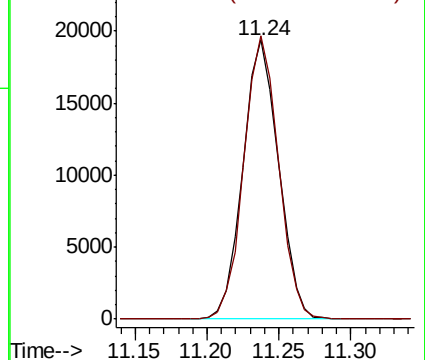
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.213 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

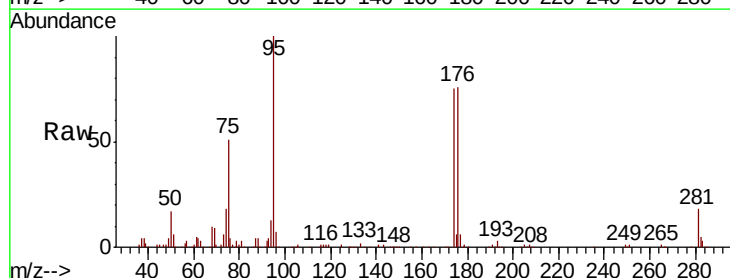
Tgt Ion: 95 Resp: 74001

Ion Ratio Lower Upper

95 100

174 74.5 0.0 148.0

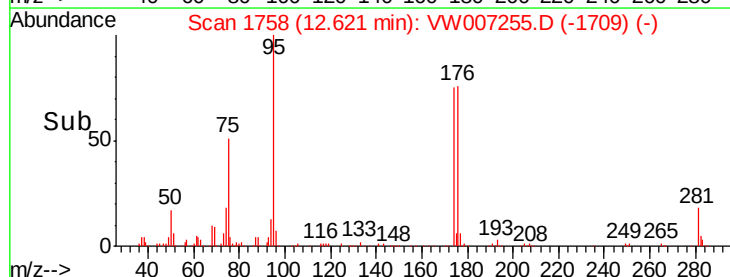
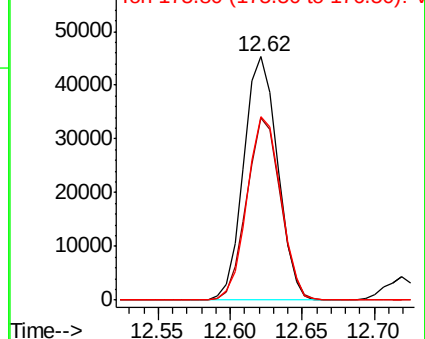
176 74.8 0.0 139.4

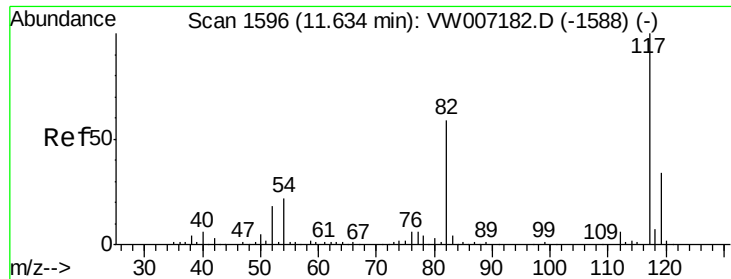


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





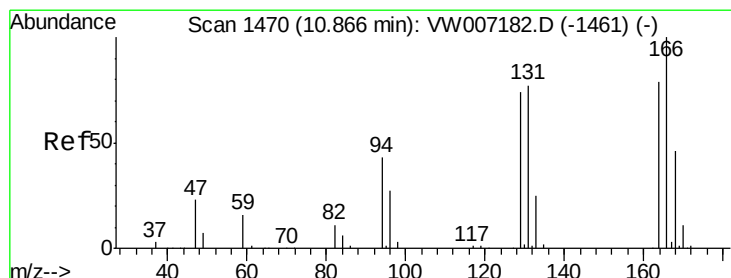
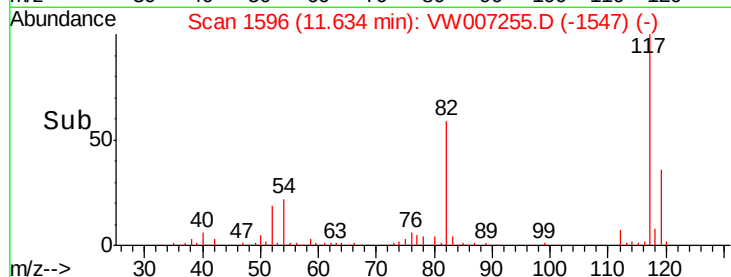
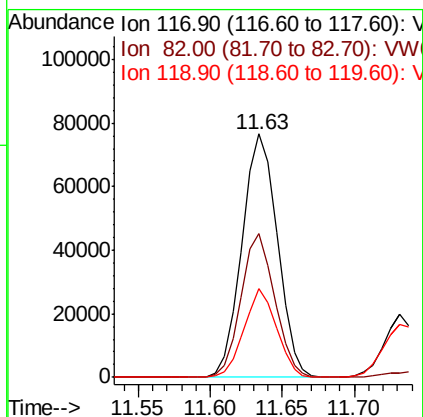
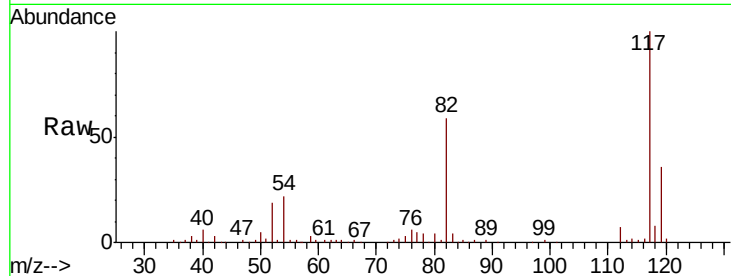
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.4	71.2
119	36.3	26.8	40.2

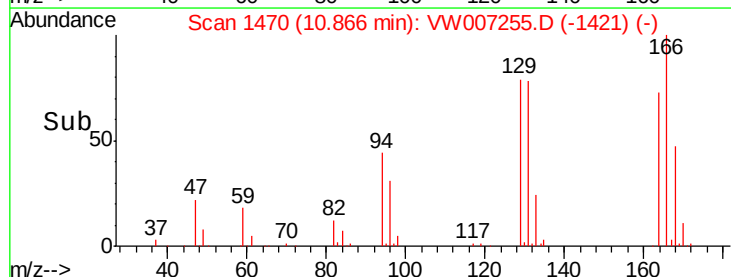
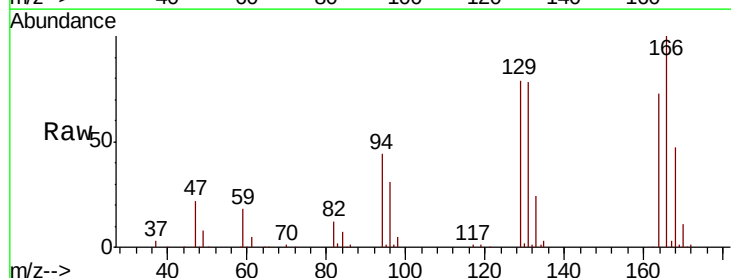
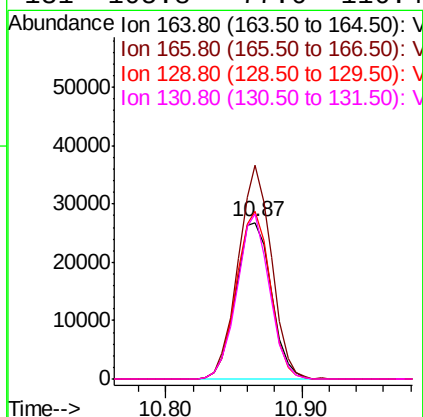
Manual Integrations
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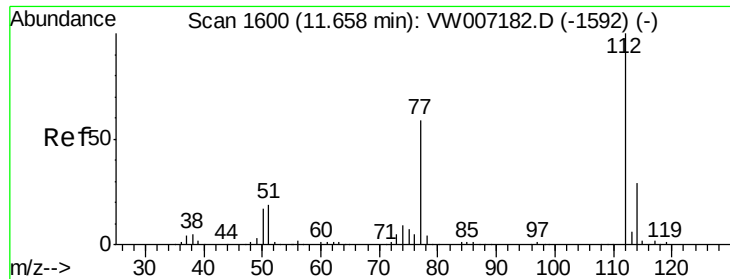
apatel
12/6/2018 12:56:18 PM



#64
Tetrachloroethene
Concen: 51.261 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.4	101.0	151.4
129	107.1	74.6	111.8
131	105.8	77.6	116.4





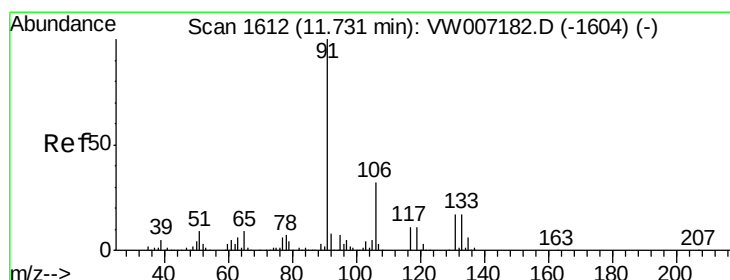
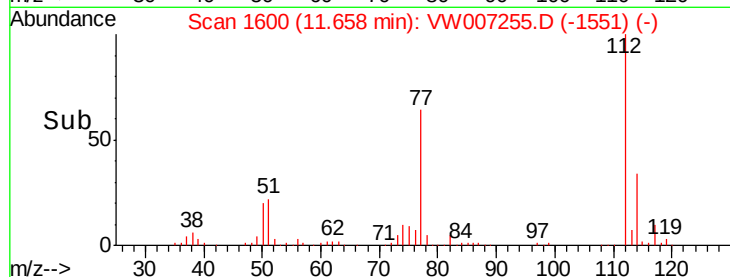
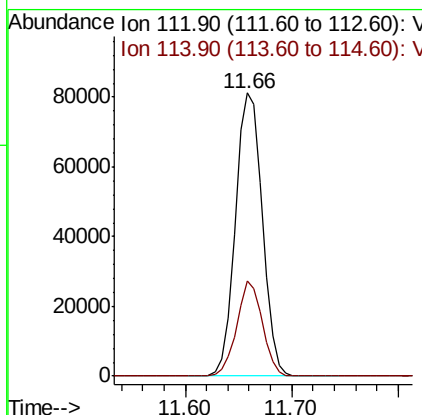
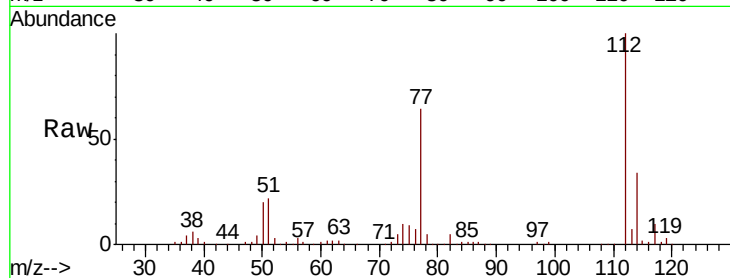
#65
Chlorobenzene
Concen: 49.323 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 143972
Ion Ratio Lower Upper
112 100
114 33.7 23.0 34.4

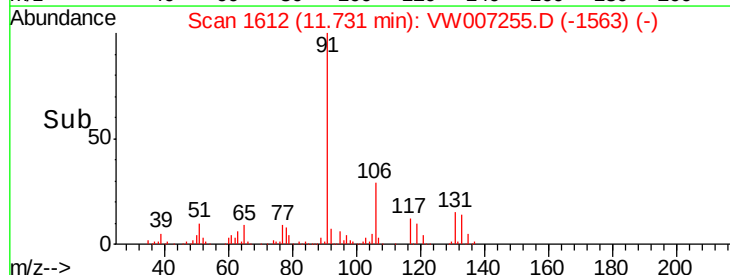
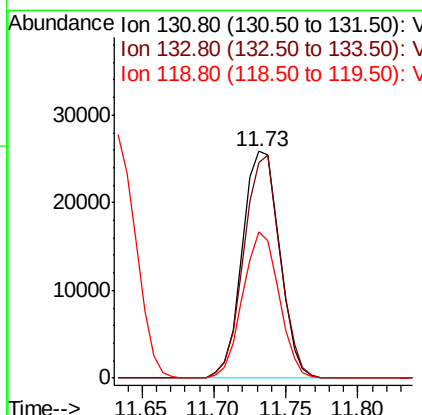
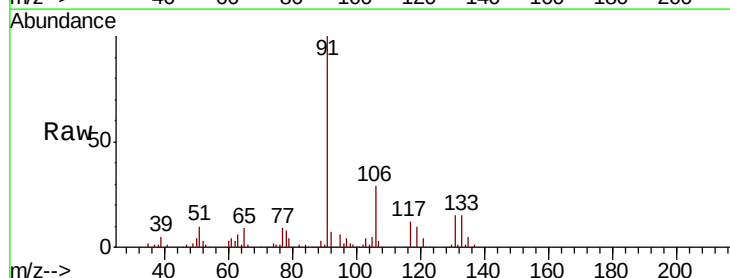
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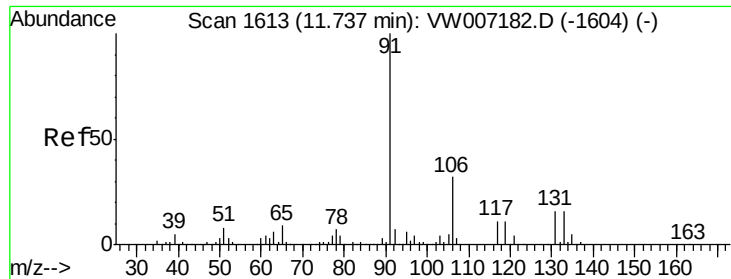
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.539 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion:131 Resp: 46462
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 62.8 32.8 98.4





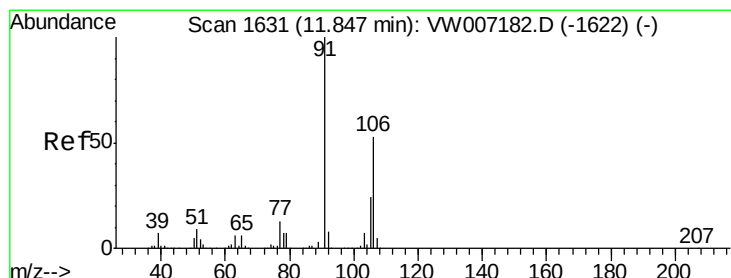
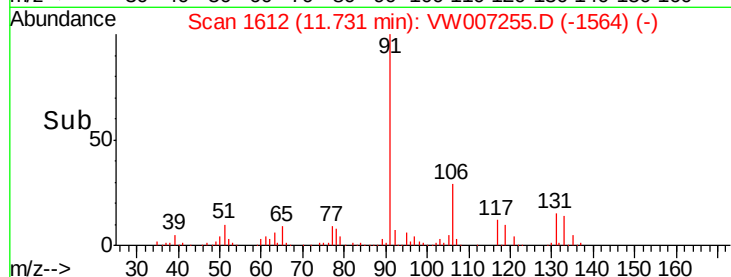
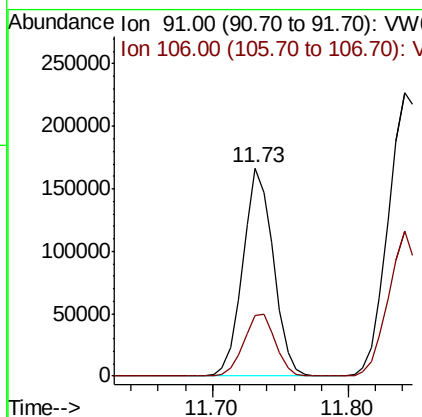
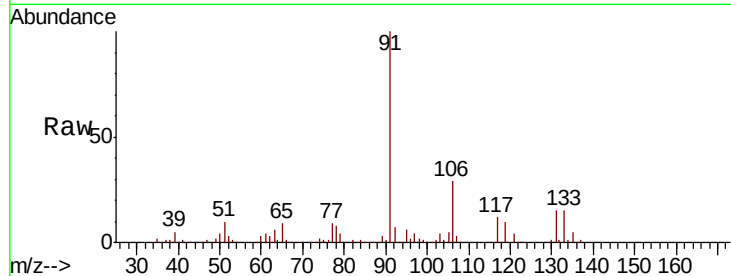
#67
Ethyl Benzene
Concen: 49.048 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 260945
Ion Ratio Lower Upper
91 100
106 28.9 26.0 39.0

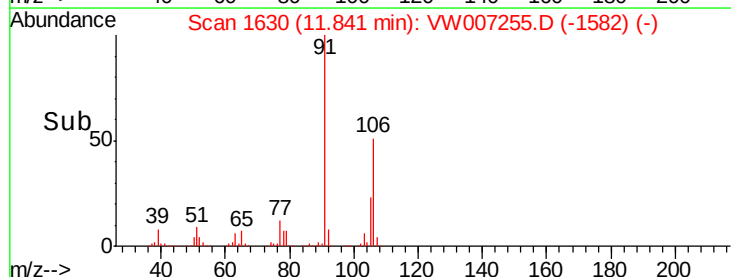
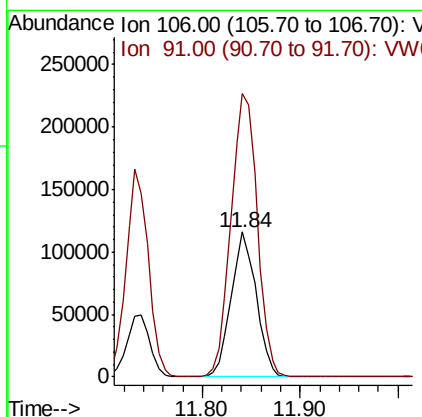
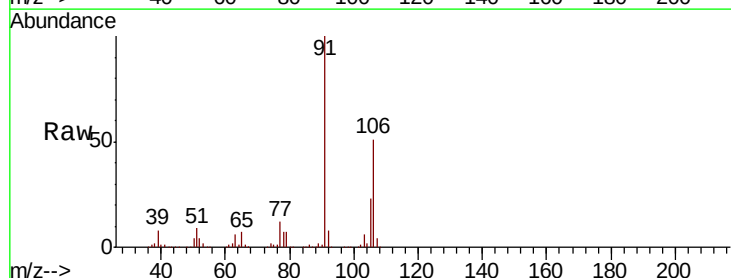
Manual Integrations
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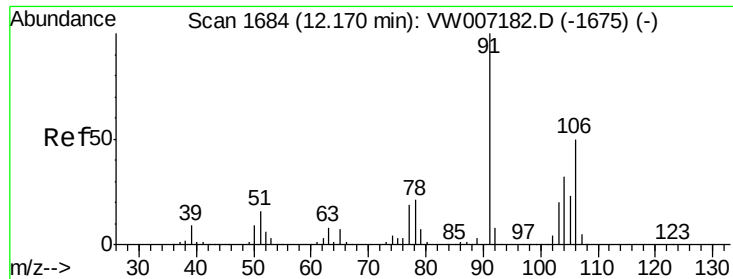
apatel
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#68
m/p-Xylenes
Concen: 98.958 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 106 Resp: 206537
Ion Ratio Lower Upper
106 100
91 204.8 160.2 240.4





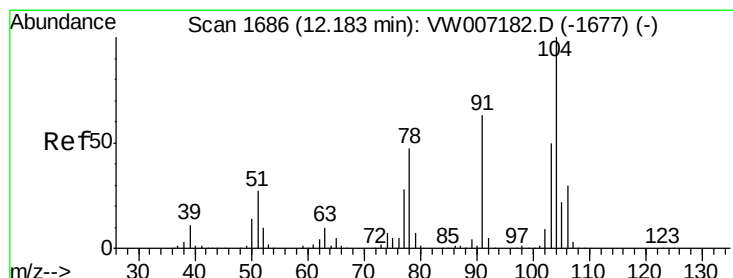
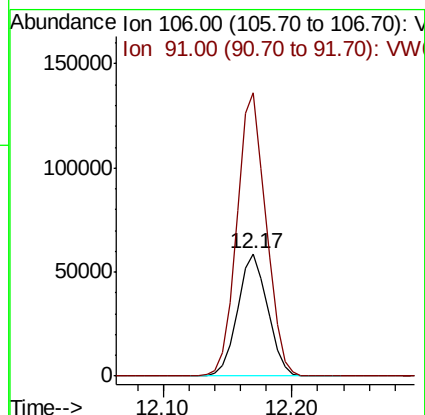
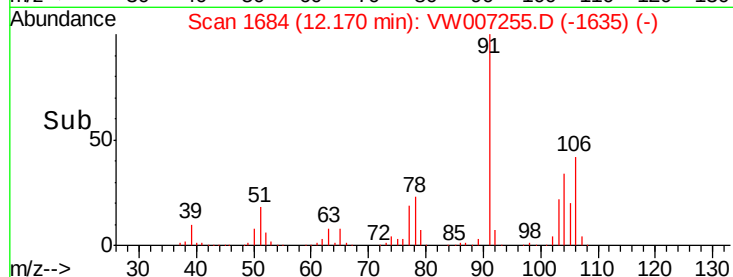
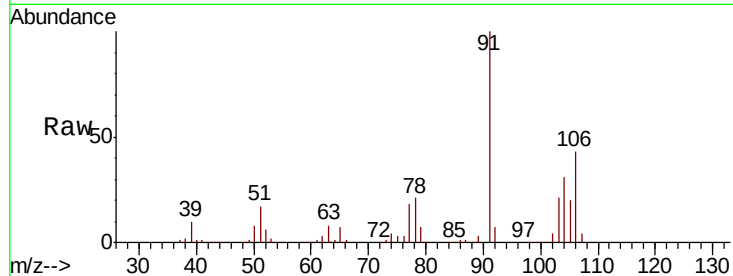
#69
o-Xylene
Concen: 48.510 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 94594
Ion Ratio Lower Upper
106 100
91 225.5 104.9 314.7

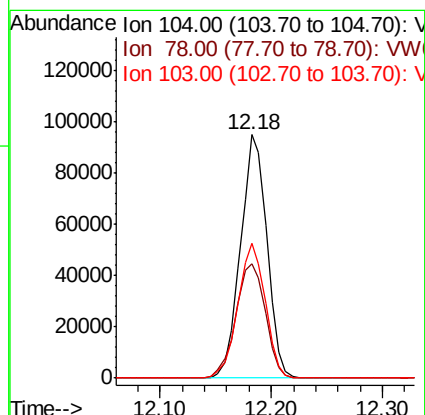
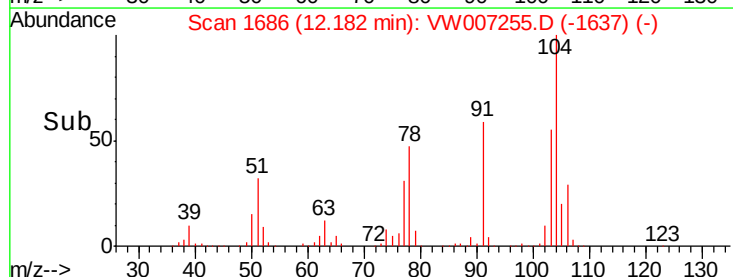
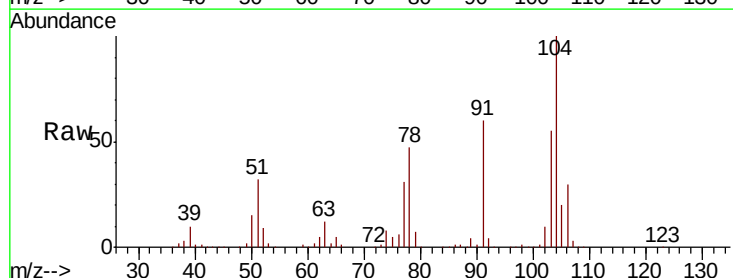
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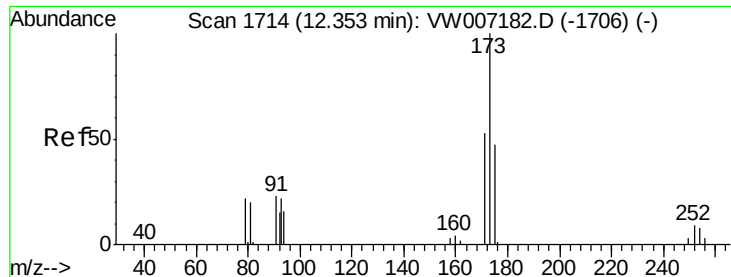
apatel
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#70
Styrene
Concen: 48.743 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion:104 Resp: 155591
Ion Ratio Lower Upper
104 100
78 52.7 40.6 60.8
103 57.5 43.0 64.4





#71

Bromoform

Concen: 52.542 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

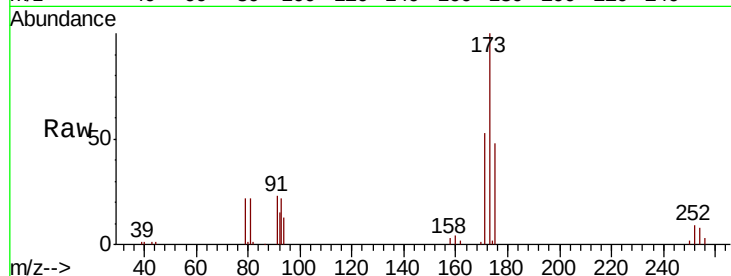
ClientSampleId :

VSTDCCC050

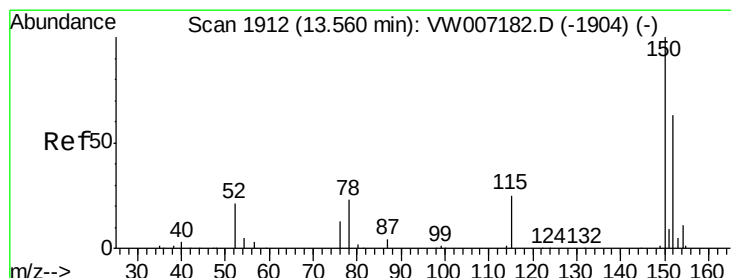
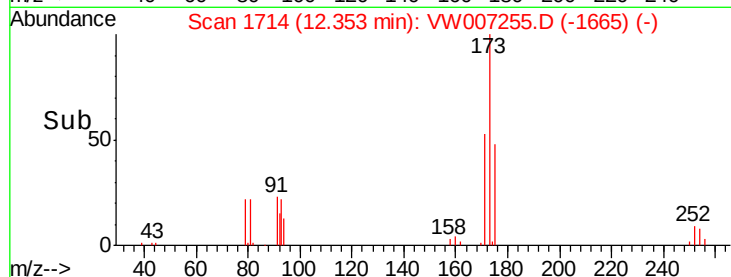
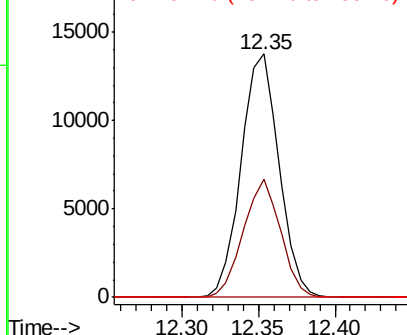
Tgt Ion:	173	Resp:	23711
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.0	72.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

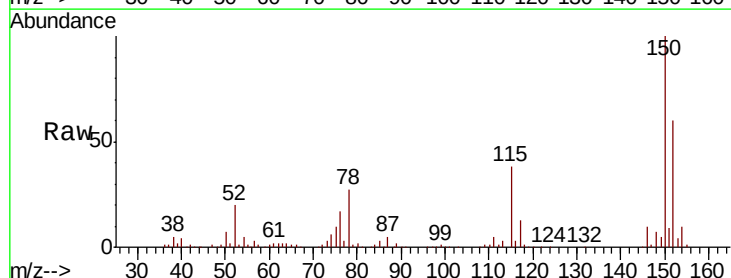
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

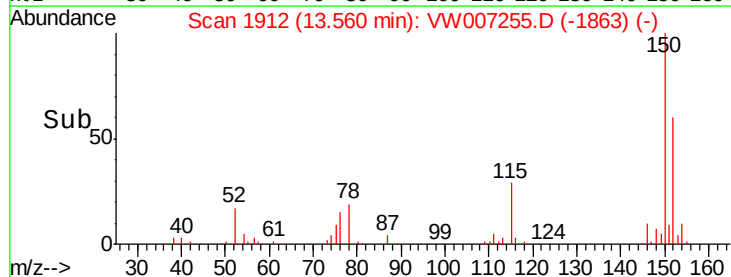
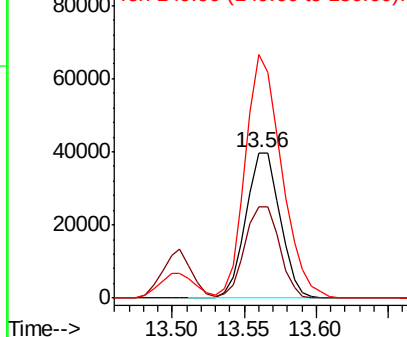
Lab File: VW007255.D

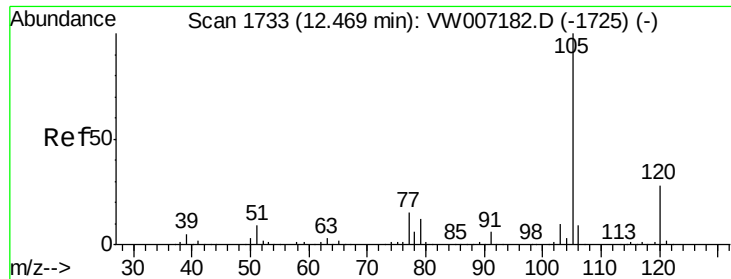
Acq: 06 Dec 2018 02:49

Tgt Ion:	152	Resp:	65338
Ion Ratio	Lower	Upper	
152	100		
115	64.0	31.3	93.8
150	178.1	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





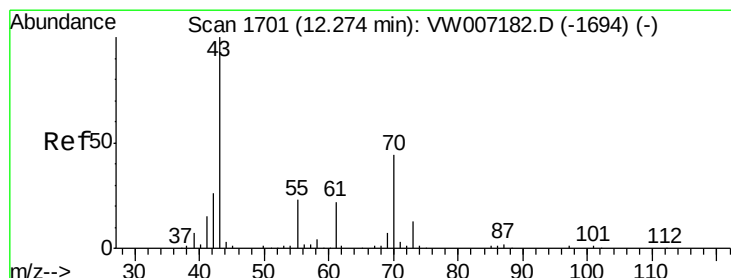
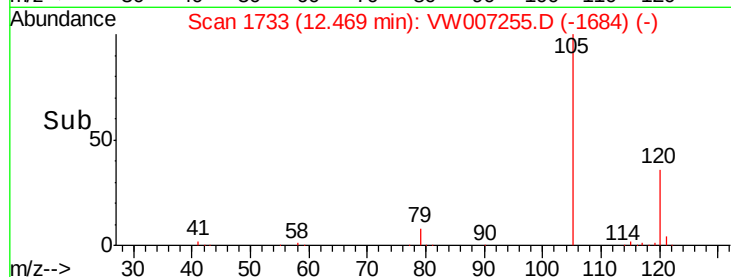
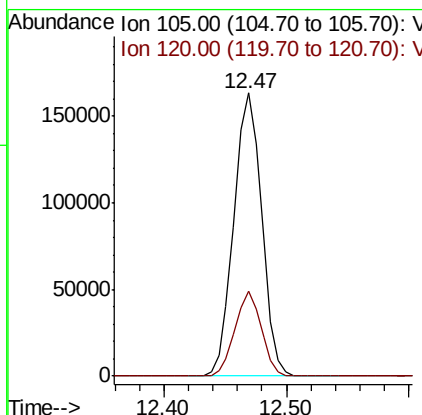
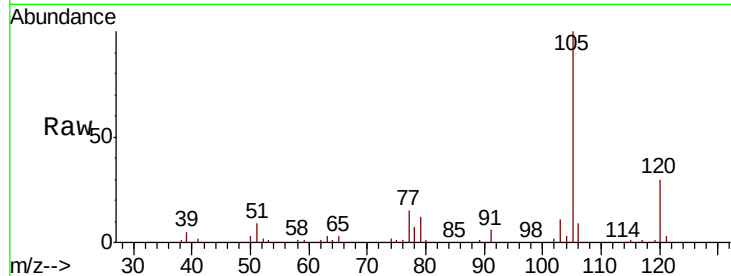
#73
Isopropylbenzene
Concen: 48.503 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 257752
Ion Ratio Lower Upper
105 100
120 28.4 13.2 39.6

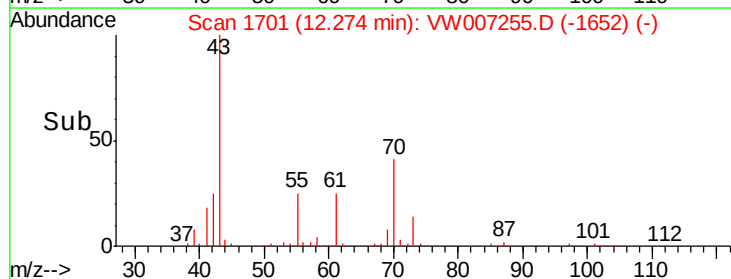
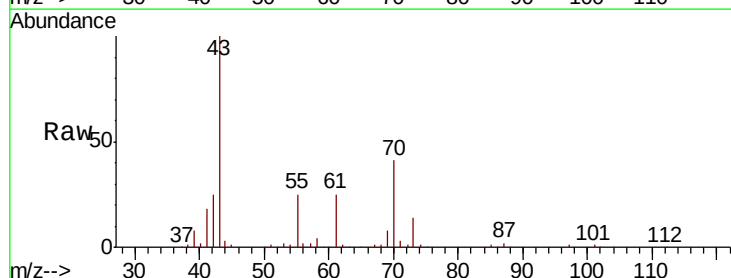
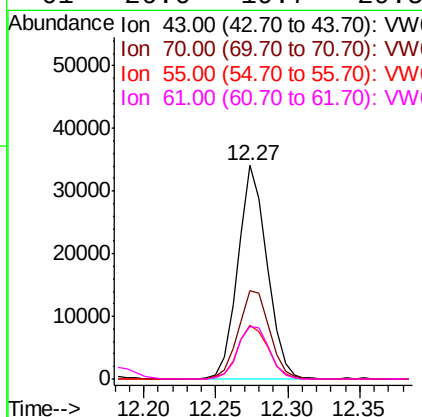
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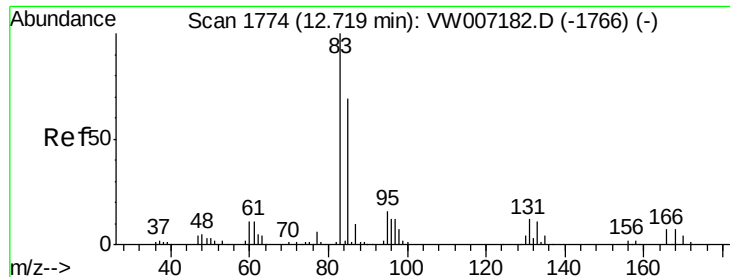
apatel
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#74
N-ethyl acetate
Concen: 51.112 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion: 43 Resp: 48157
Ion Ratio Lower Upper
43 100
70 44.3 34.0 51.0
55 26.4 19.0 28.6
61 26.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 55.697 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

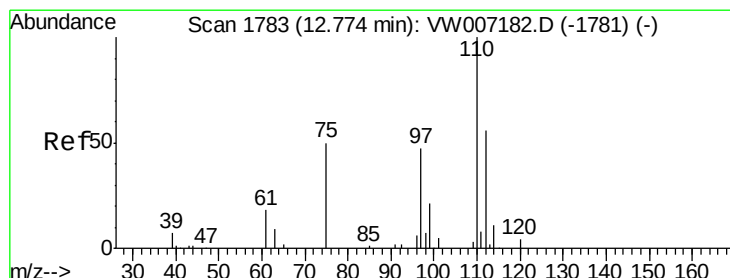
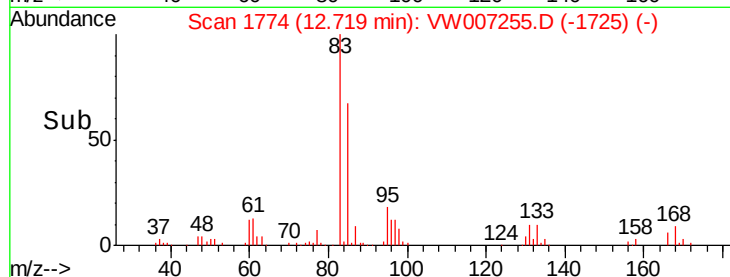
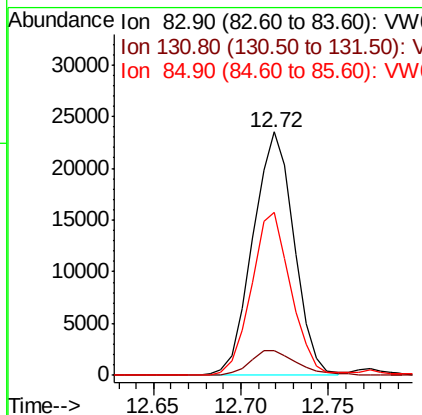
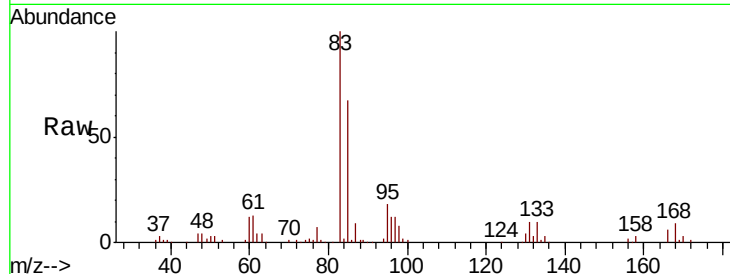
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	38440
Ion Ratio	Lower	Upper	
83	100		
131	11.7	6.0	18.1
85	64.2	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 44.679 ug/l m

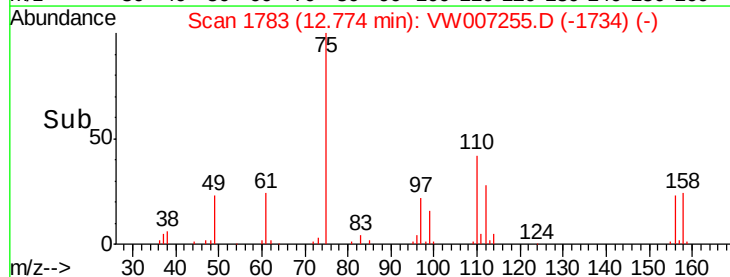
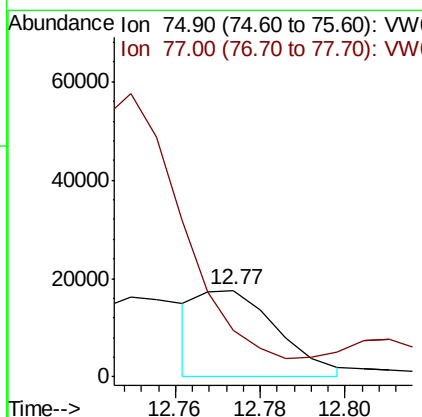
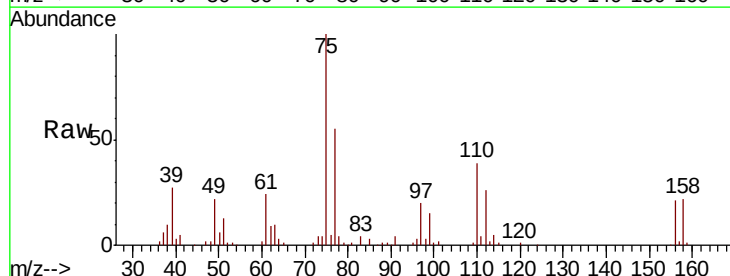
RT: 12.77 min Scan# 1783

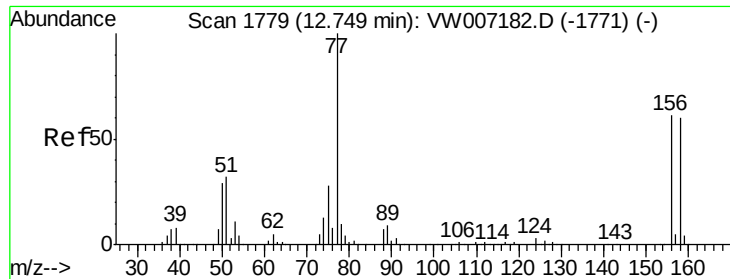
Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Tgt Ion:	75	Resp:	22604
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





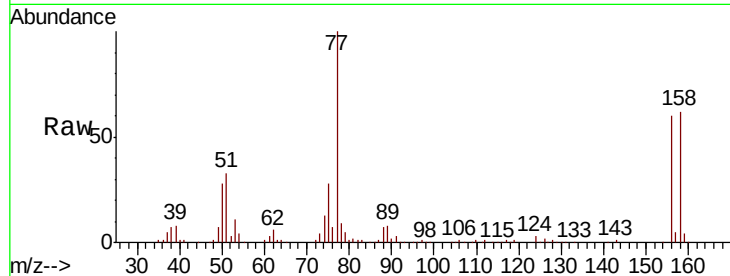
#77
Bromobenzene
Concen: 50.898 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	179.3	92.0	276.1
158	99.8	49.0	147.0

Manual Integrations
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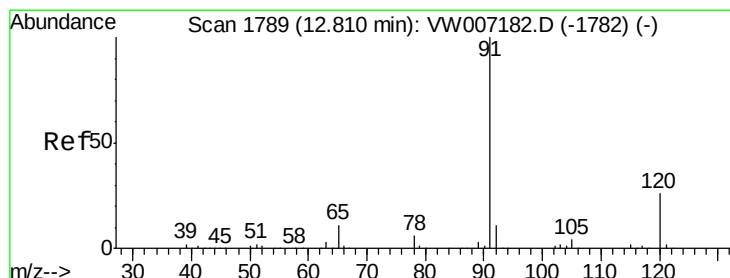
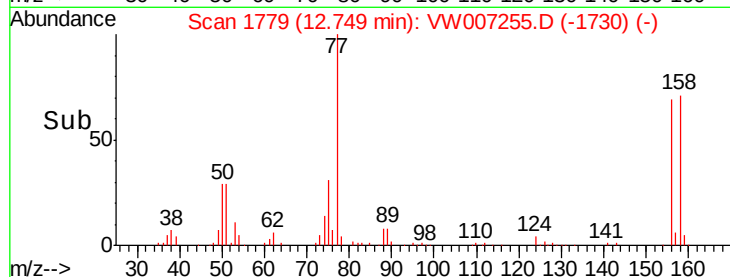
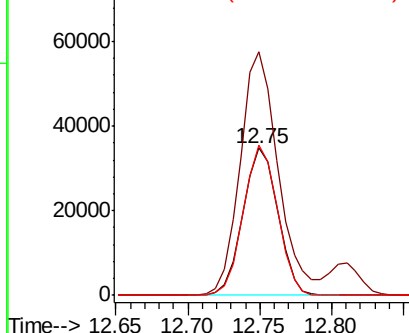


Abundance

Ion 155.80 (155.50 to 156.50): V

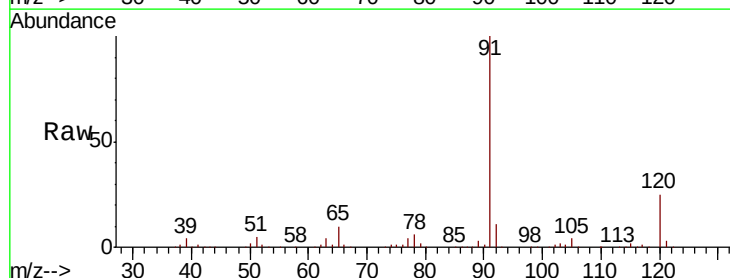
Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78
n-propylbenzene
Concen: 47.523 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

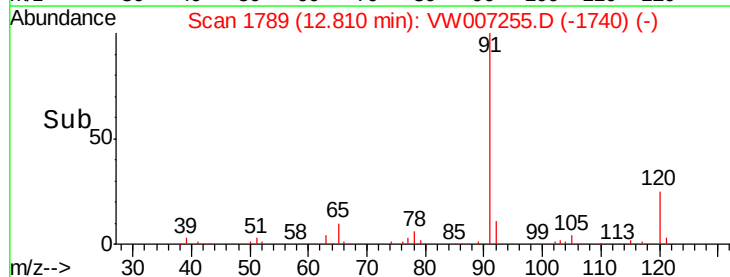
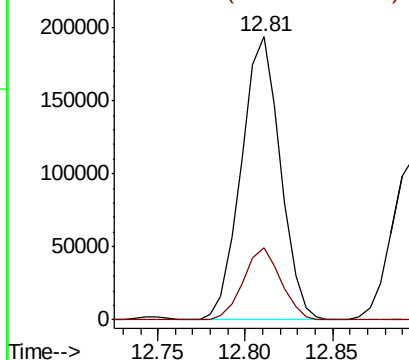
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.5	37.5

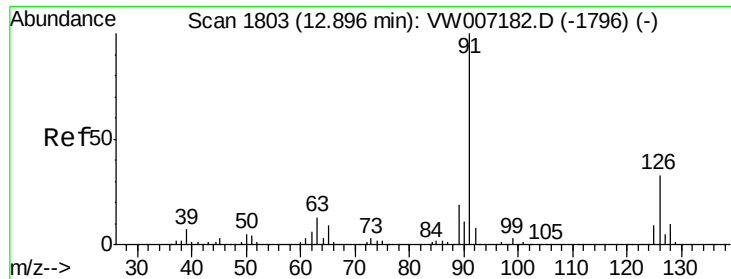


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.380 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 180118

Ion Ratio Lower Upper

91 100

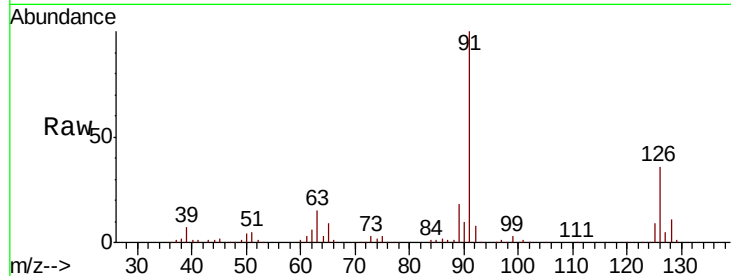
126 34.7 16.7 50.1

Manual Integrations

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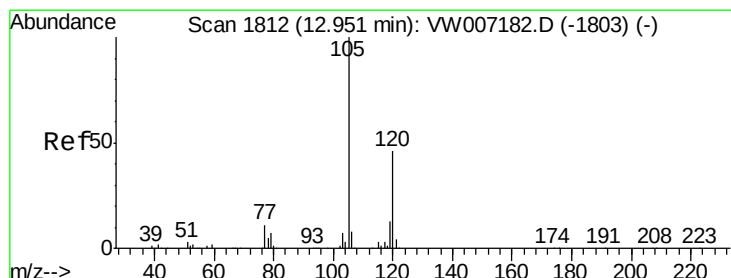
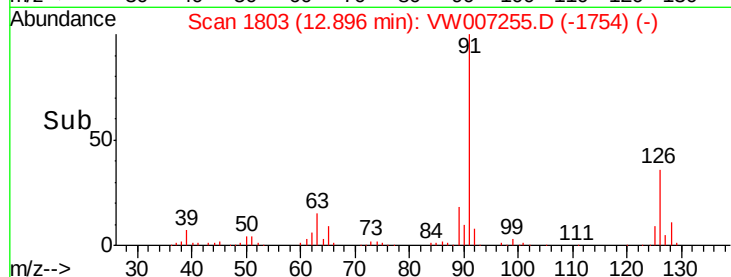
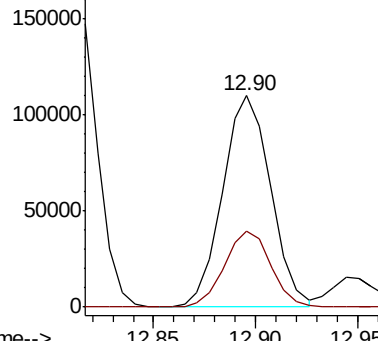
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.614 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007255.D

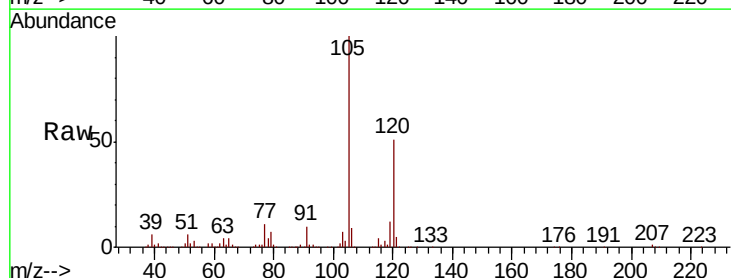
Acq: 06 Dec 2018 02:49

Tgt Ion: 105 Resp: 225551

Ion Ratio Lower Upper

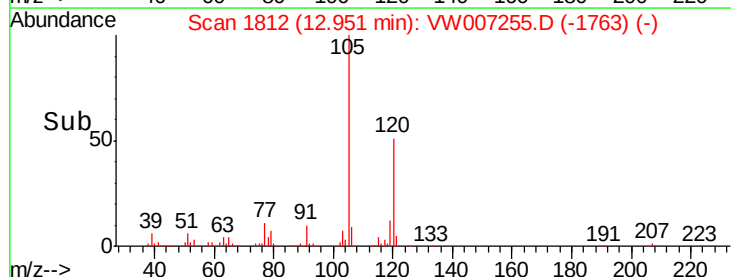
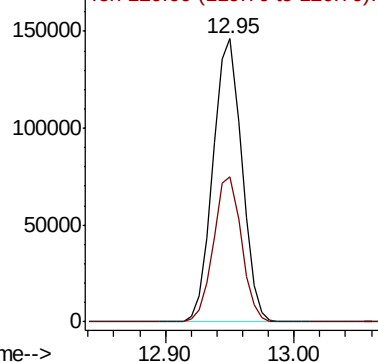
105 100

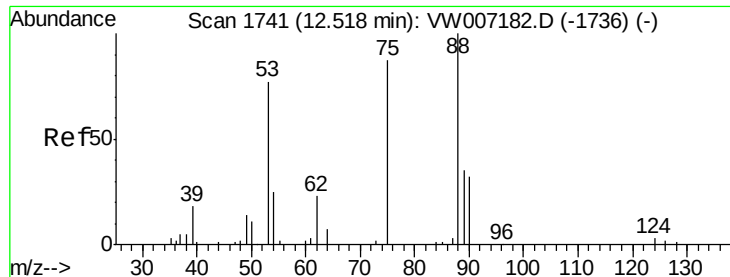
120 49.6 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.509 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

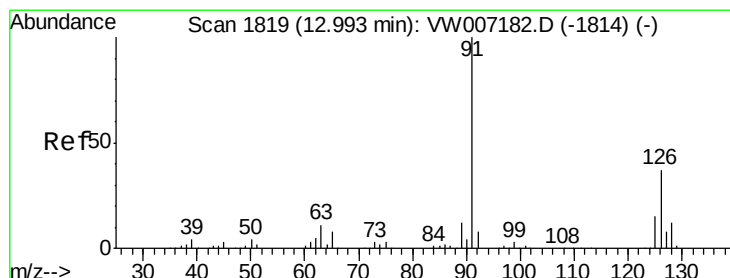
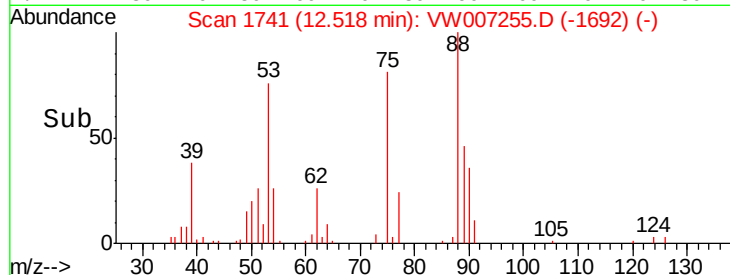
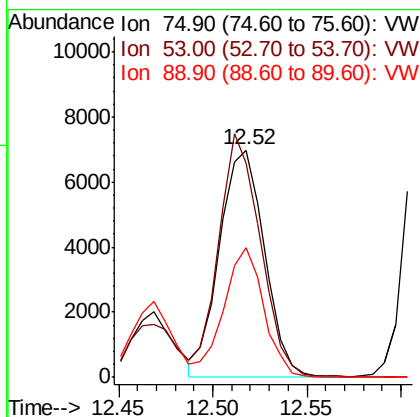
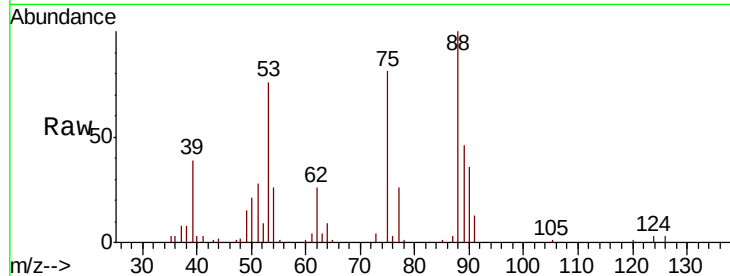
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	11621
Ion Ratio	Lower	Upper	
75	100		
53	99.2	72.8	109.2
89	50.9	36.4	54.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.584 ug/l

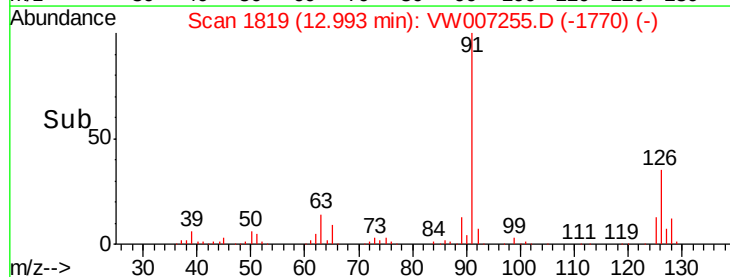
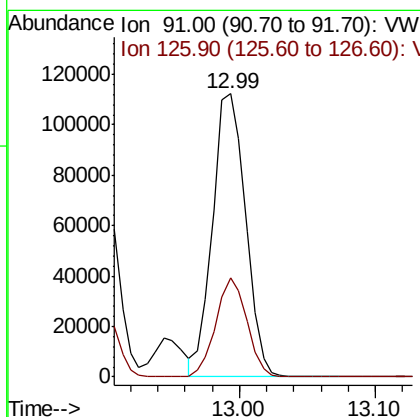
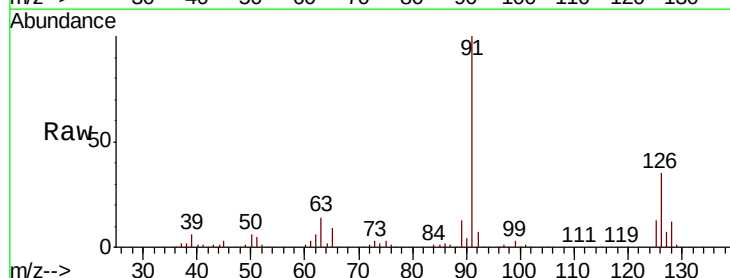
RT: 12.99 min Scan# 1819

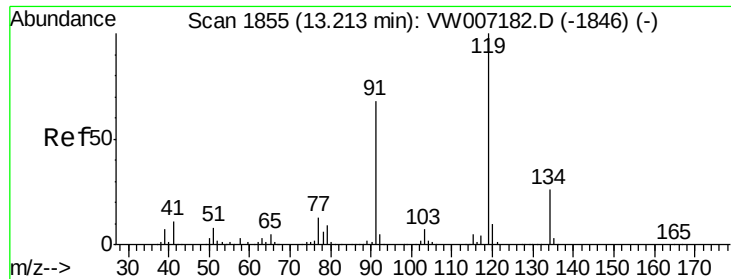
Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Tgt Ion:	91	Resp:	188589
Ion Ratio	Lower	Upper	
91	100		
126	33.0	17.4	52.3





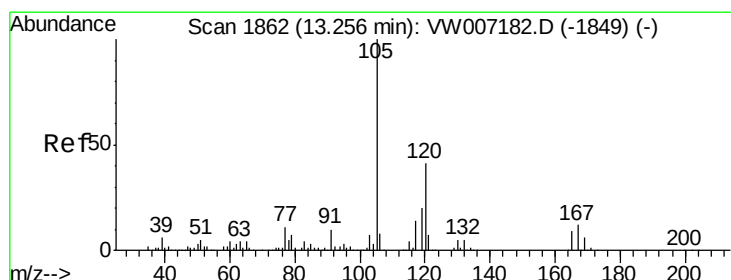
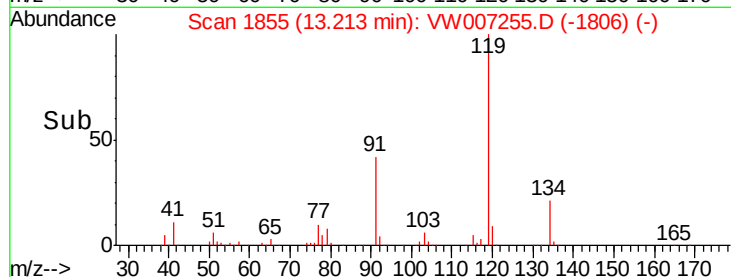
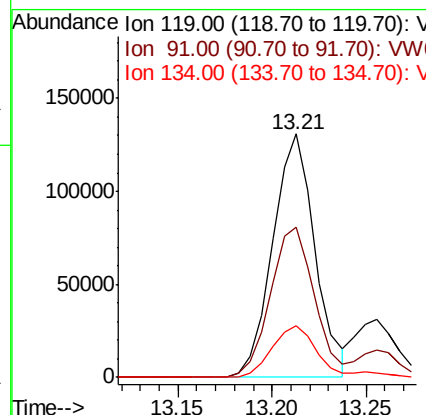
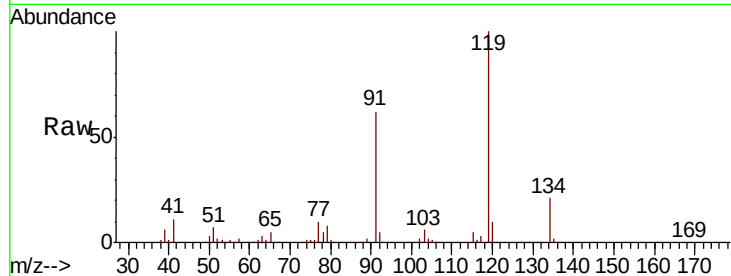
#83
 tert-Butylbenzene
 Concen: 51.044 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.2	34.0	101.8
134	23.9	13.2	39.5

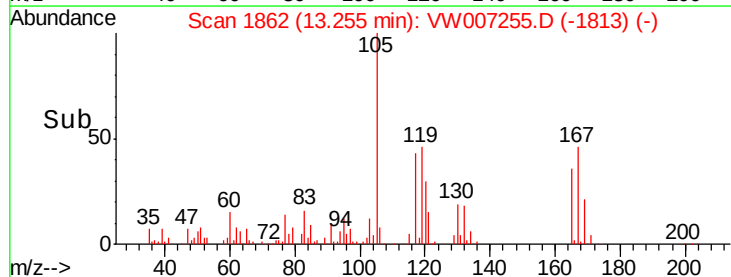
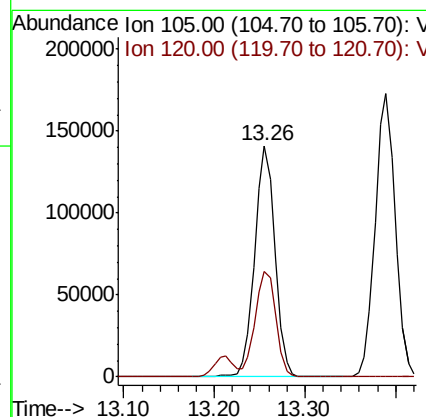
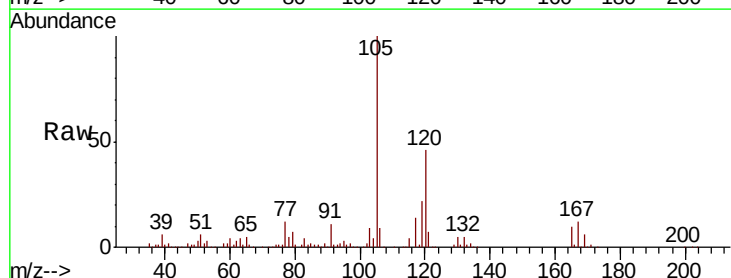
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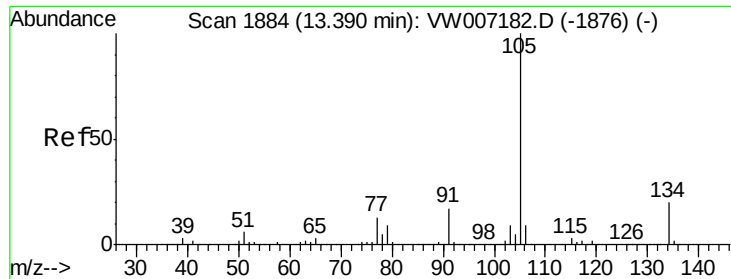
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.199 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	21.1	63.3





#85

sec-Butylbenzene

Concen: 46.888 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 265935

Ion Ratio Lower Upper

105 100

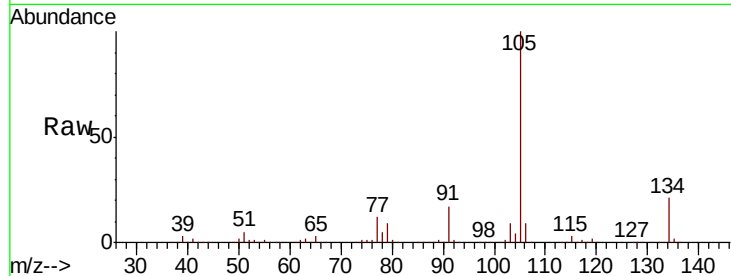
134 20.8 10.3 30.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

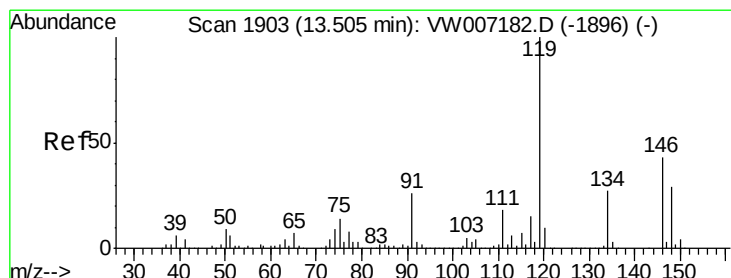
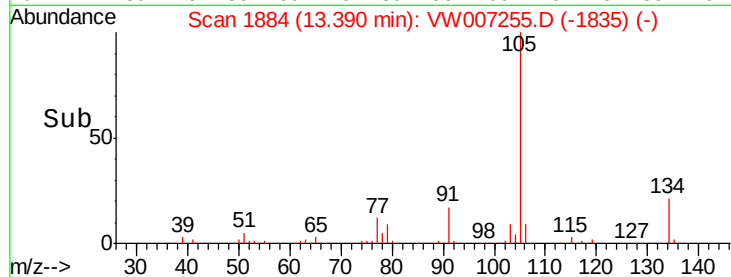
0

13.39

13.40

13.50

Time-->



#86

p-Isopropyltoluene

Concen: 46.598 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007255.D

Acq: 06 Dec 2018 02:49

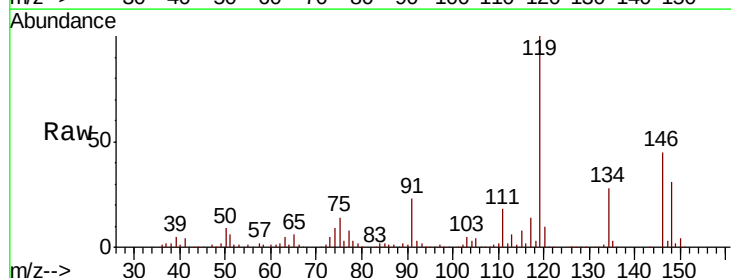
Tgt Ion:119 Resp: 235268

Ion Ratio Lower Upper

119 100

134 28.1 13.2 39.6

91 24.9 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

200000

150000

100000

50000

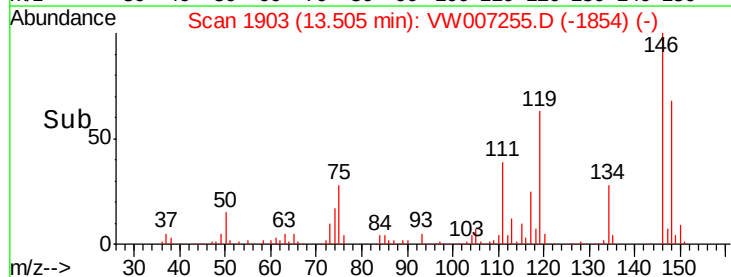
0

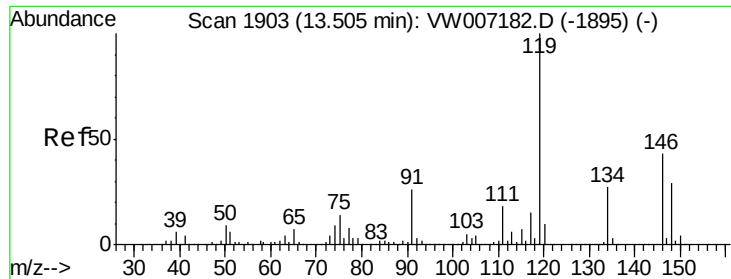
13.51

13.50

13.55

Time-->





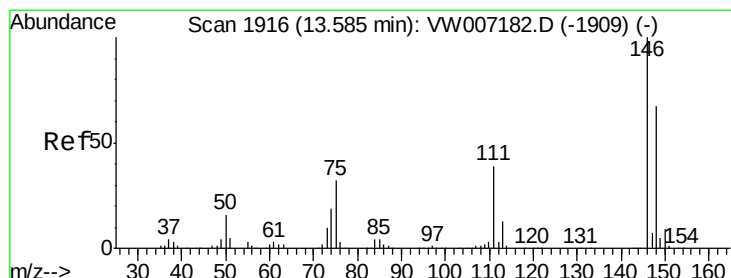
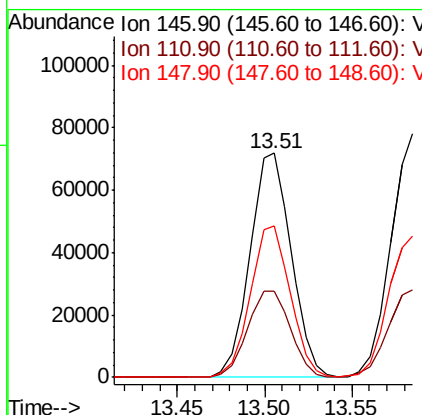
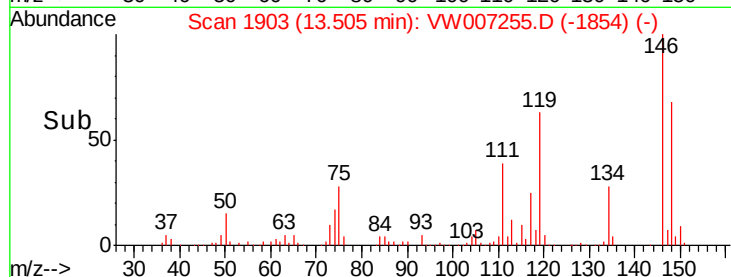
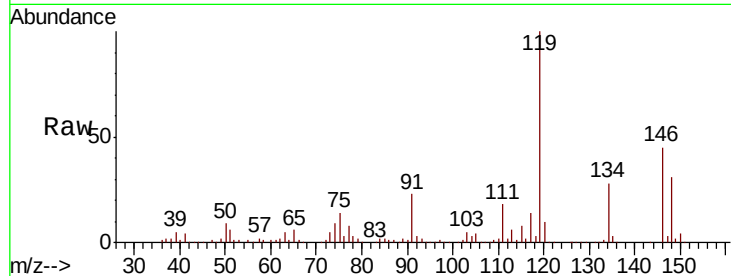
#87
 1,3-Dichlorobenzene
 Concen: 49.951 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	21.1	63.4
148	65.5	32.8	98.4

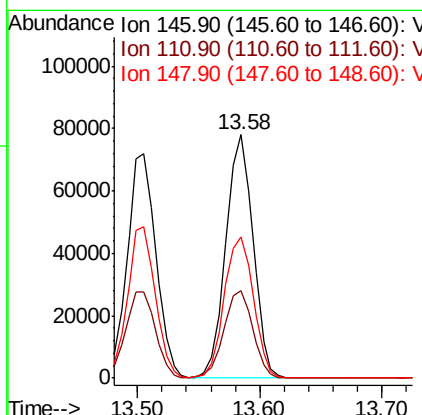
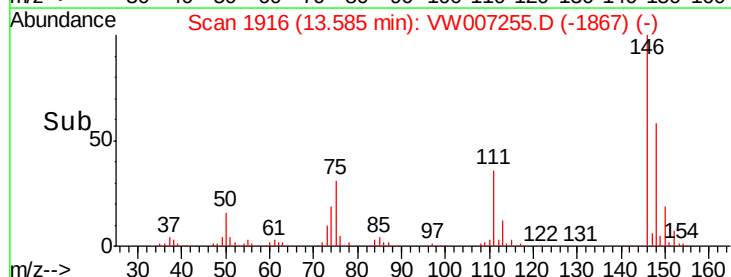
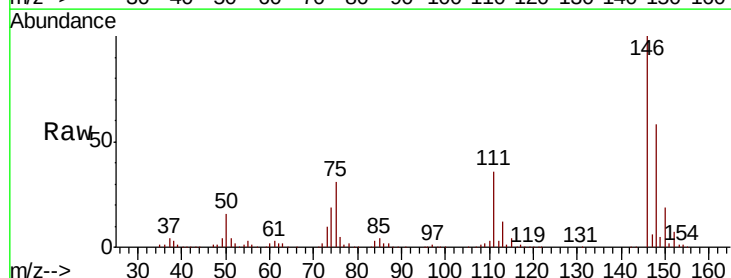
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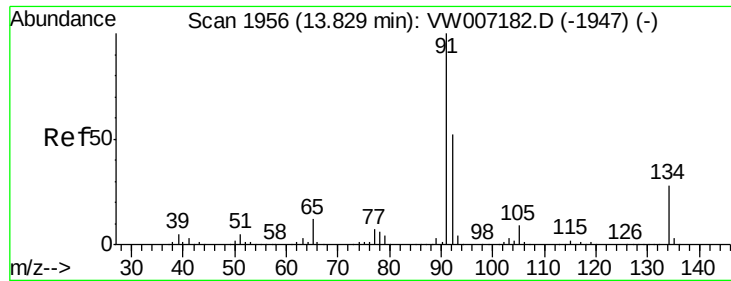
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 50.512 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.6	58.8
148	62.0	32.6	98.0





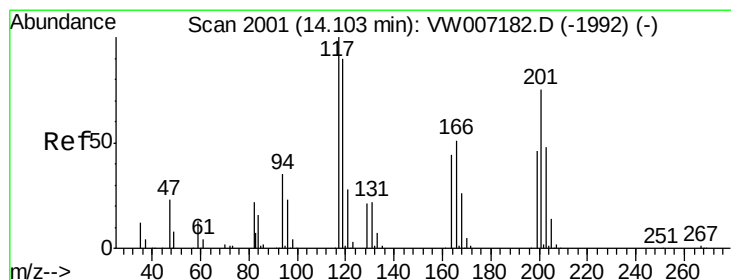
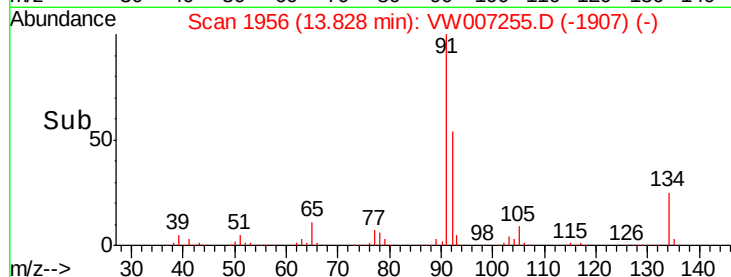
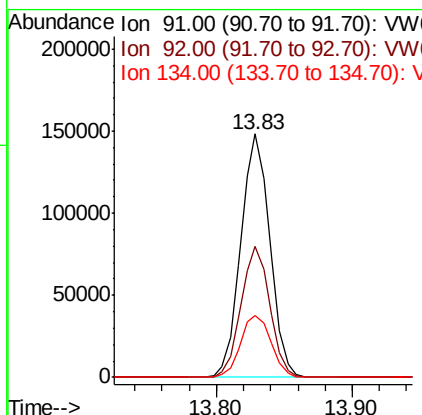
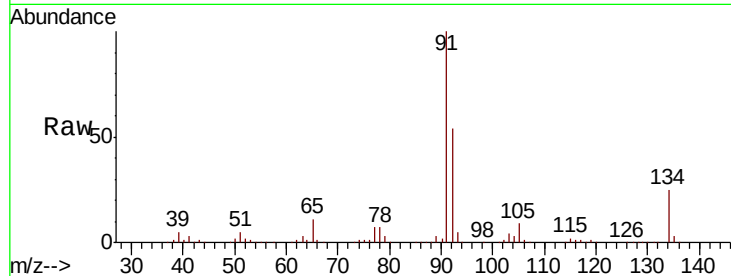
#89
n-Butylbenzene
Concen: 46.799 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.5	79.5
134	26.7	14.1	42.2

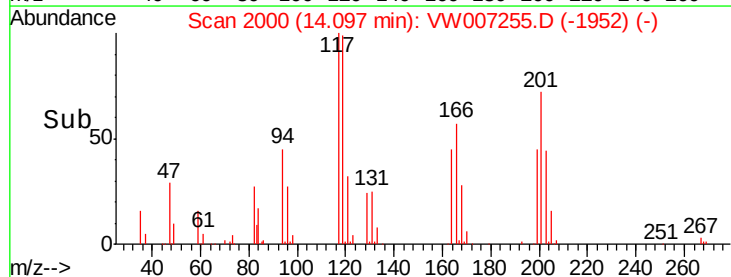
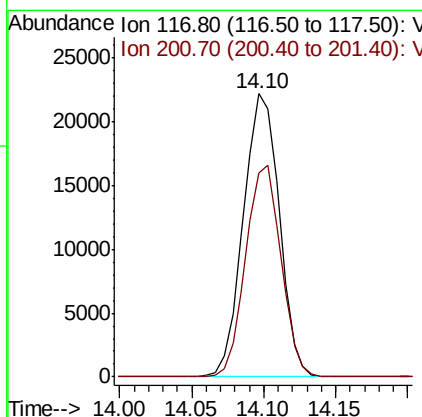
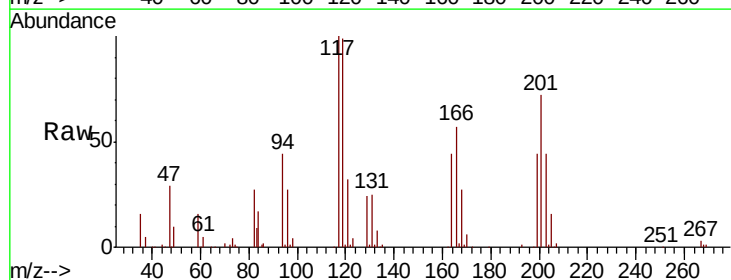
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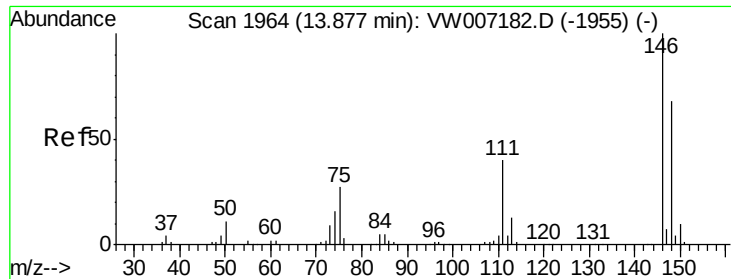
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#90
Hexachloroethane
Concen: 49.935 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.3	36.0	108.1





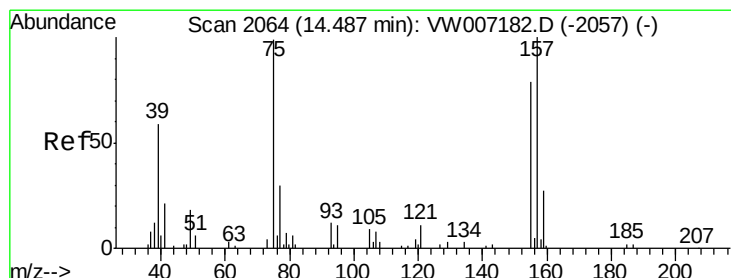
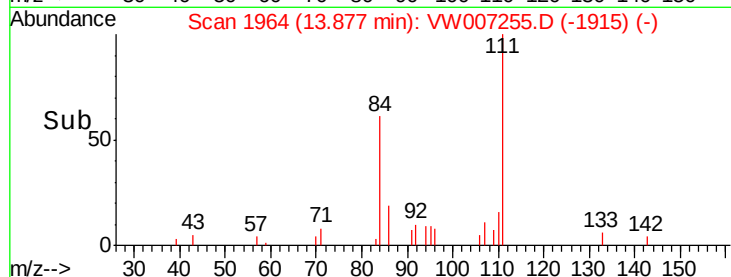
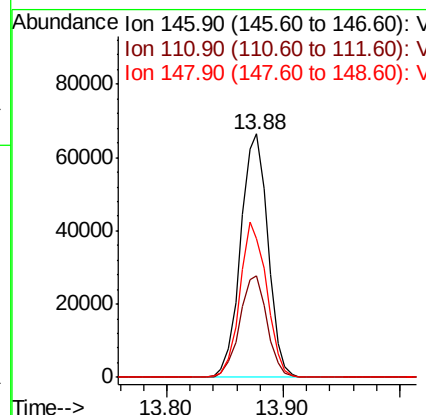
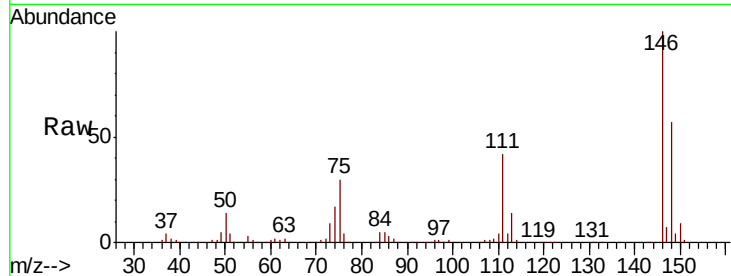
#91
 1,2-Dichlorobenzene
 Concen: 53.314 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.6	65.0
148	62.4	32.7	98.1

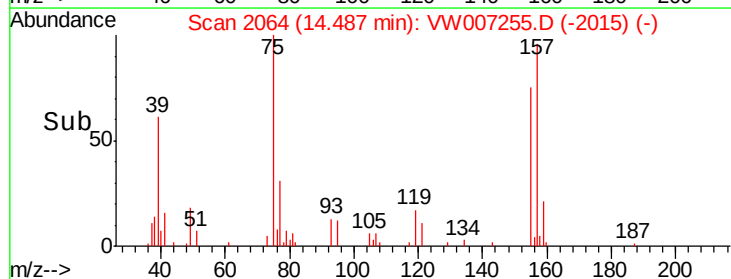
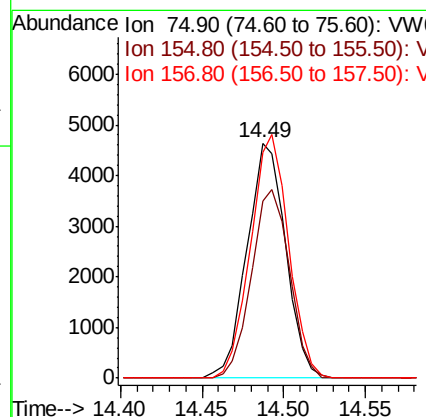
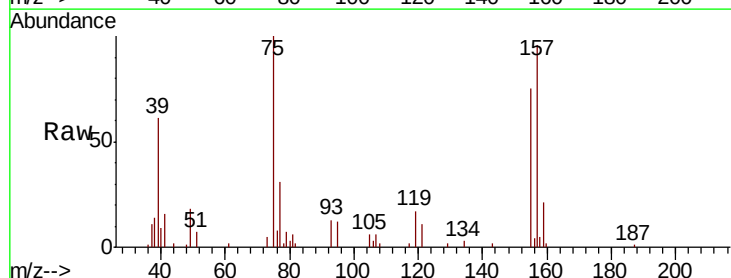
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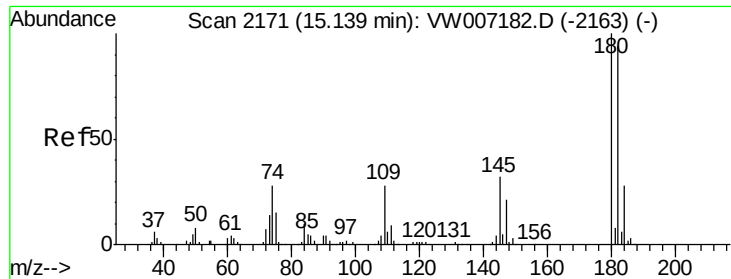
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.196 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	42.4	127.2
157	102.7	55.3	165.9





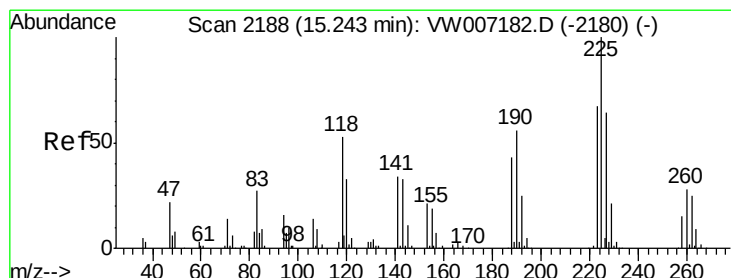
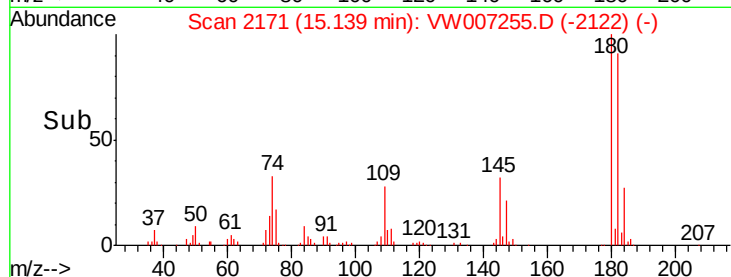
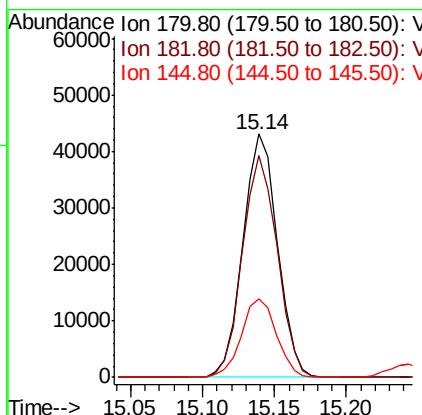
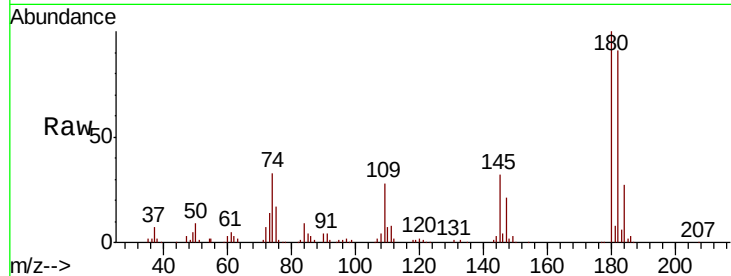
#93
 1,2,4-Trichlorobenzene
 Concen: 50.543 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.9	143.8
145	32.9	16.6	49.7

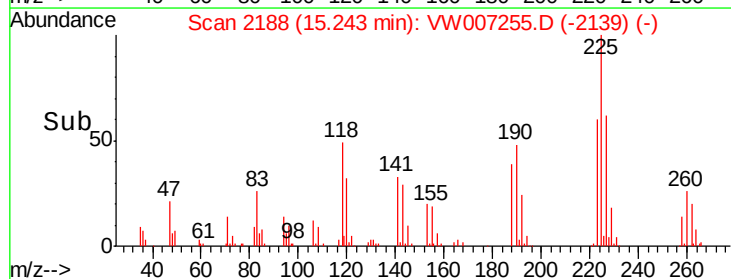
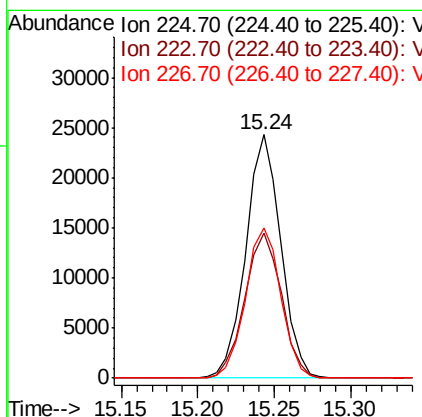
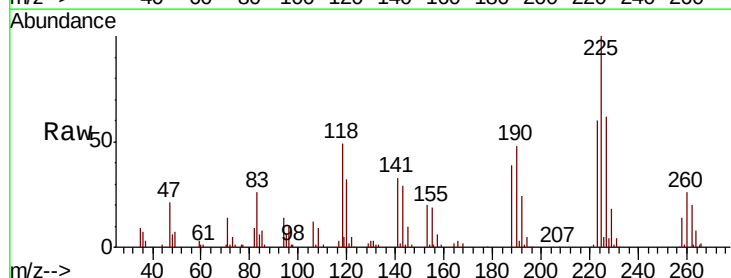
Manual Integrations
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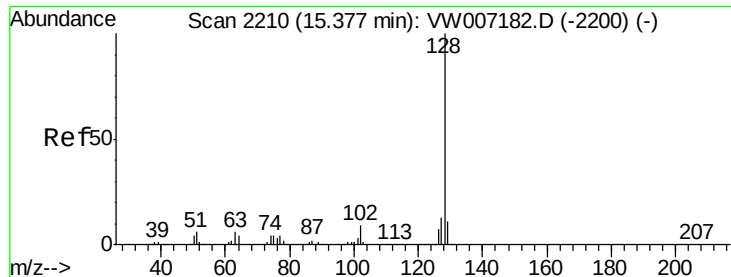
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#94
 Hexachlorobutadiene
 Concen: 50.720 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007255.D
 Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.3	96.8
227	62.1	32.1	96.3





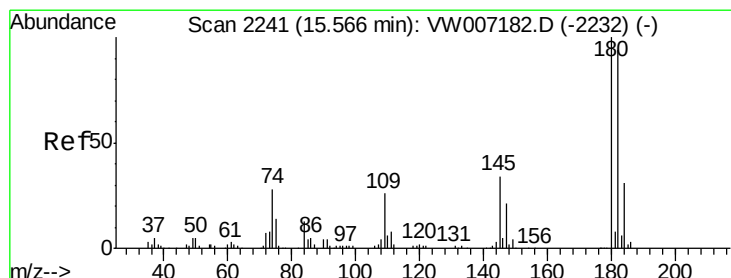
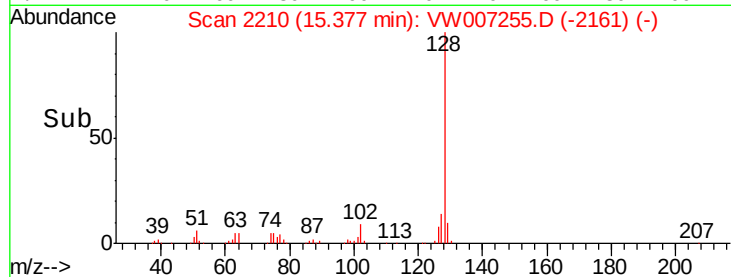
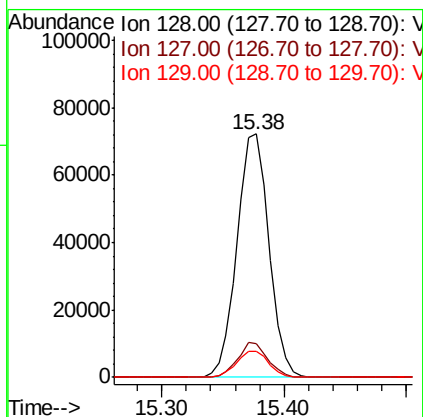
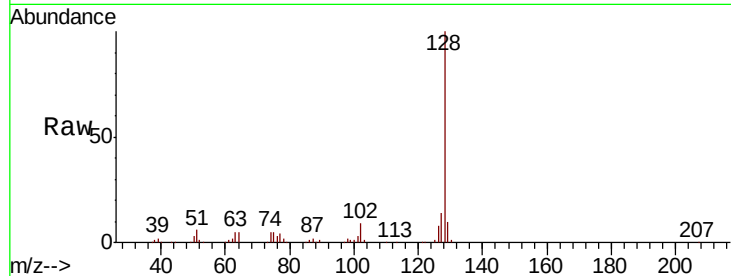
#95
Naphthalene
Concen: 51.657 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
APPROVED

apatel
12/6/2018 12:56:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.172 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007255.D
Acq: 06 Dec 2018 02:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.4	142.2
145	34.5	17.6	52.8

