

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006422.D
 Acq On : 27 Oct 2018 00:06
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/29/2018 10:03:44 AM

Quant Time: Oct 27 04:54:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87412	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.88	113	91112	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.32	98	335184	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.62	95	129703	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55788	54.795	ug/l	91
3) Chloromethane	2.21	50	72190	55.083	ug/l	94
4) Vinyl Chloride	2.37	62	103841	55.482	ug/l	96
5) Bromomethane	2.78	94	95955	56.368	ug/l	98
6) Chloroethane	2.93	64	80438	59.972	ug/l	98
7) Trichlorofluoromethane	3.26	101	100724	57.770	ug/l	100
8) Diethyl Ether	3.68	74	50682	54.695	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104315	57.090	ug/l	98
10) Methyl Iodide	4.26	142	174491	57.376	ug/l	99
11) Tert butyl alcohol	5.23	59	28722	250.373	ug/l	100
12) 1,1-Dichloroethene	4.04	96	96859	56.345	ug/l	89
13) Acrolein	3.90	56	25020	225.398	ug/l	97
14) Allyl chloride	4.67	41	133875	54.466	ug/l	98
15) Acrylonitrile	5.38	53	98635	296.775	ug/l	100
16) Acetone	4.14	43	89815	282.600	ug/l	95
17) Carbon Disulfide	4.37	76	262080	50.515	ug/l	99
18) Methyl Acetate	4.68	43	48773	56.819	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	147425	56.306	ug/l	97
20) Methylene Chloride	4.91	84	108591	60.509	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	112590	58.678	ug/l	97
22) Diisopropyl ether	6.32	45	285419	58.761	ug/l	97
23) Vinyl Acetate	6.26	43	814468	284.128	ug/l	98
24) 1,1-Dichloroethane	6.21	63	188915	60.275	ug/l	99
25) 2-Butanone	7.18	43	130344	282.867	ug/l	98
26) 2,2-Dichloropropane	7.17	77	111873	50.609	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	129769	61.286	ug/l	97
28) Bromochloromethane	7.51	49	70465	58.236	ug/l	92
29) Tetrahydrofuran	7.54	42	79118	279.331	ug/l	98
30) Chloroform	7.68	83	209420	61.328	ug/l	100
31) Cyclohexane	7.95	56	156694	50.203	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	173920	56.462	ug/l	99
36) 1,1-Dichloropropene	8.08	75	157027	57.558	ug/l	99
37) Ethyl Acetate	7.26	43	57268	56.499	ug/l	99
38) Carbon Tetrachloride	8.07	117	166594	55.704	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199500	55.013	ug/l	99
40) Benzene	8.32	78	455286	60.839	ug/l	98
41) Methacrylonitrile	7.49	41	33259	54.430	ug/l	92
42) 1,2-Dichloroethane	8.40	62	132205	60.130	ug/l	99
43) Isopropyl Acetate	8.43	43	113343	54.690	ug/l	99
44) Trichloroethene	9.09	130	138475	60.313	ug/l	100
45) 1,2-Dichloropropane	9.37	63	108389	60.527	ug/l	97
46) Dibromomethane	9.46	93	62897	61.625	ug/l	99
47) Bromodichloromethane	9.65	83	146887	59.360	ug/l	99
48) Methyl methacrylate	9.44	41	54209	55.182	ug/l	93
49) 1,4-Dioxane	9.48	88	19103	1215.792	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	293259	282.419	ug/l	98
52) Toluene	10.39	92	302006	60.195	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	140666	57.056	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	164939	58.292	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	88668	62.080	ug/l	99
56) Ethyl methacrylate	10.65	69	103361	59.031	ug/l	96
57) 1,3-Dichloropropane	10.93	76	144458	61.098	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	182955	273.453	ug/l	99
59) 2-Hexanone	10.97	43	201397	271.705	ug/l	96
60) Dibromochloromethane	11.13	129	106374	59.792	ug/l	100
61) 1,2-Dibromoethane	11.24	107	88058	61.704	ug/l	100
64) Tetrachloroethene	10.87	164	128065	59.792	ug/l	97
65) Chlorobenzene	11.66	112	355395	60.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	124573	59.350	ug/l	98
67) Ethyl Benzene	11.73	91	603310	58.942	ug/l	98
68) m/p-Xylenes	11.84	106	481669	119.058	ug/l	99
69) o-Xylene	12.17	106	231005	59.914	ug/l	97
70) Styrene	12.18	104	382065	60.937	ug/l	99
71) Bromoform	12.35	173	65979	56.357	ug/l #	100
73) Isopropylbenzene	12.47	105	639445	56.804	ug/l	99
74) N-amyl acetate	12.28	43	114614	52.421	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	101528	59.299	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	77046m	63.305	ug/l	
77) Bromobenzene	12.75	156	163004	59.119	ug/l	99
78) n-propylbenzene	12.81	91	745321	56.910	ug/l	100
79) 2-Chlorotoluene	12.90	91	423120	57.502	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	547061	57.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	26460	51.970	ug/l	98
82) 4-Chlorotoluene	12.99	91	449132	58.267	ug/l	100
83) tert-Butylbenzene	13.21	119	485257	57.152	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	560508	58.369	ug/l	100
85) sec-Butylbenzene	13.39	105	685317	57.134	ug/l	100
86) p-Isopropyltoluene	13.51	119	626400	57.736	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	325447	59.309	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	322352	59.001	ug/l	99
89) n-Butylbenzene	13.83	91	565497	56.993	ug/l	100
90) Hexachloroethane	14.10	117	101743	55.363	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	292339	59.726	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15634	51.001	ug/l	94

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QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	215362	57.184	ug/l	99
94) Hexachlorobutadiene	15.24	225	132795	56.130	ug/l	99
95) Naphthalene	15.38	128	353643	56.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	187454	57.545	ug/l	100

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

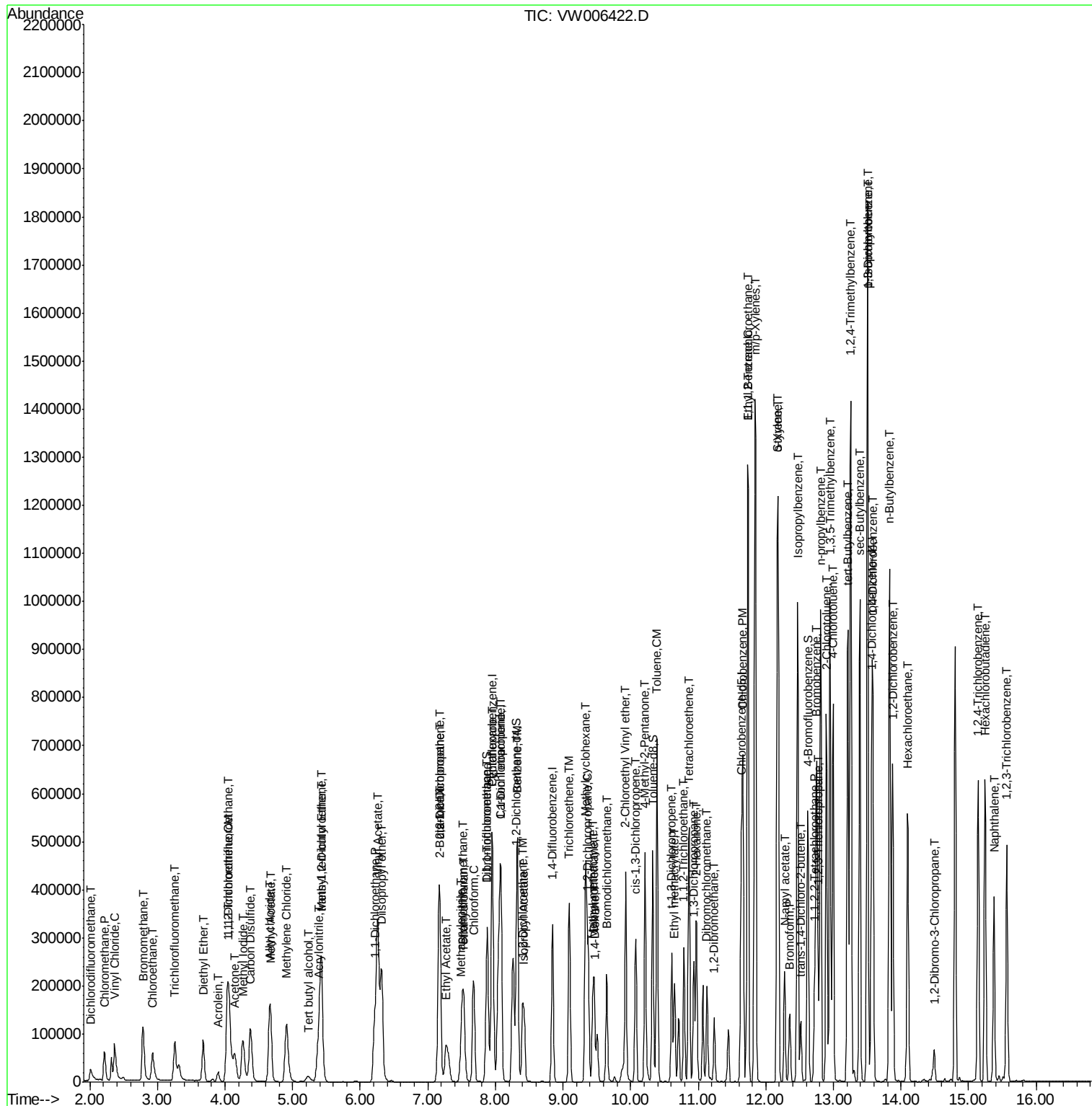
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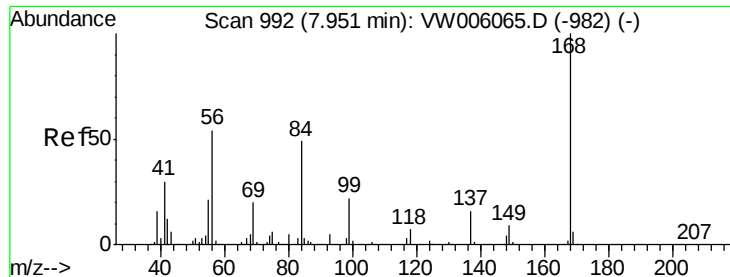
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 205742

Ion Ratio Lower Upper

168 100

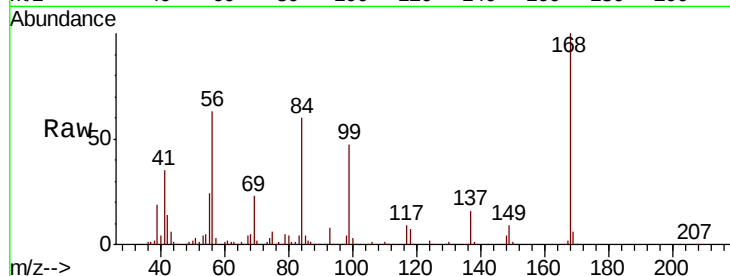
99 46.8 39.9 59.9

Manual Integrations

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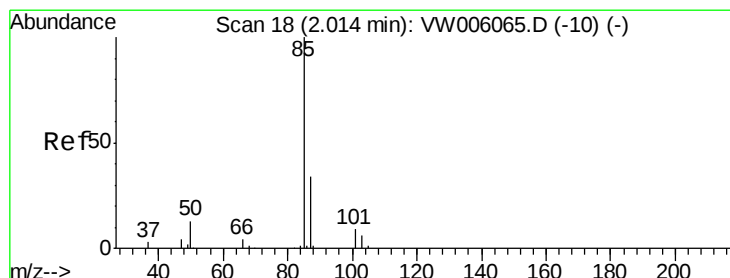
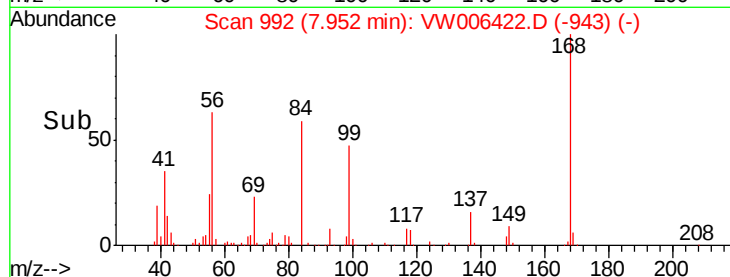
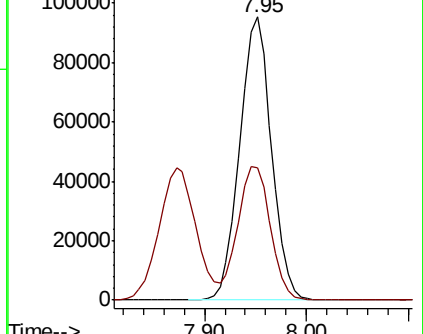
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.795 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006422.D

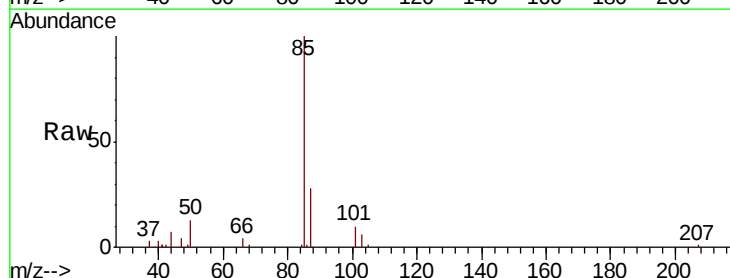
Acq: 27 Oct 2018 00:06

Tgt Ion: 85 Resp: 55788

Ion Ratio Lower Upper

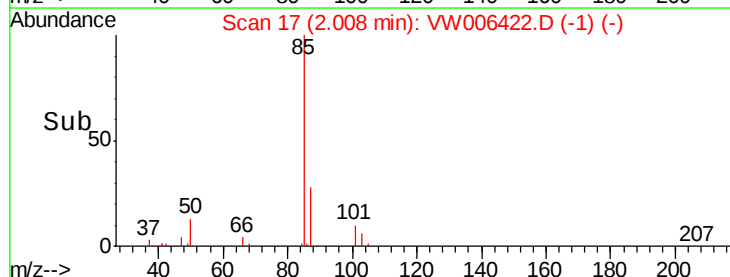
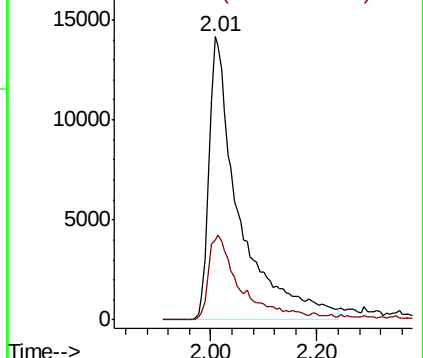
85 100

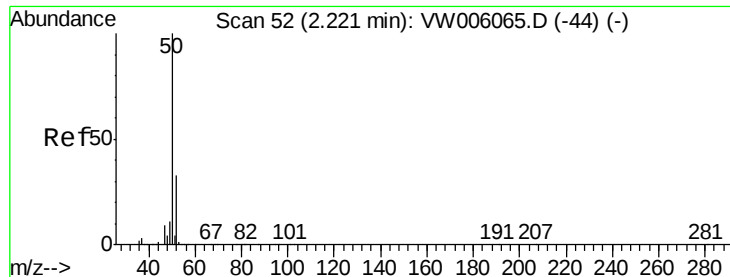
87 28.4 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 55.083 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 72190

Ion Ratio Lower Upper

50 100

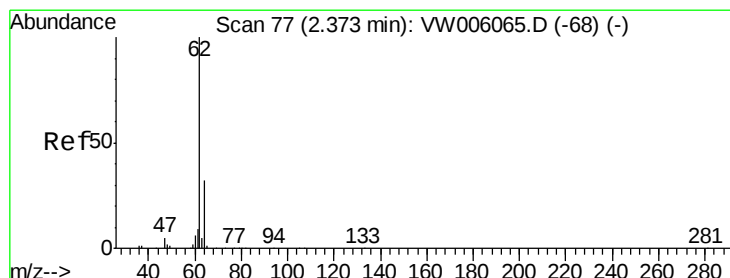
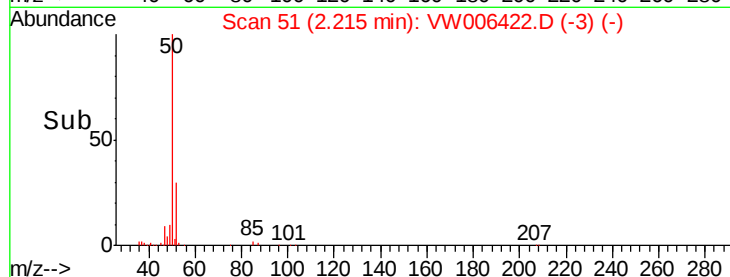
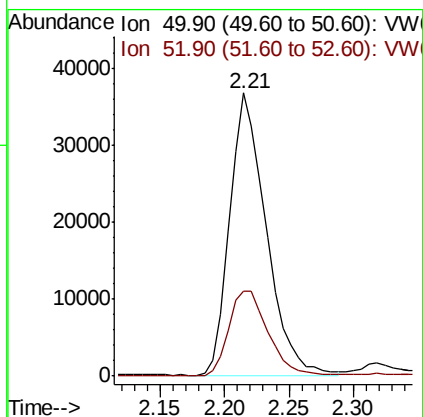
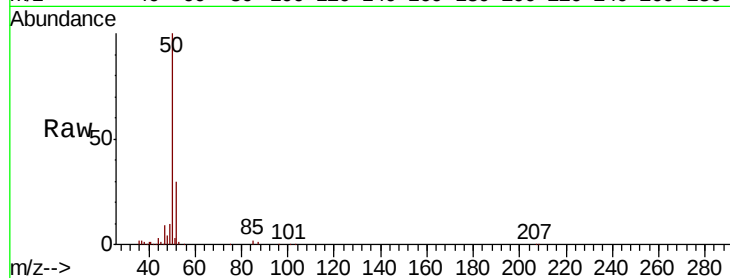
52 30.2 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.482 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006422.D

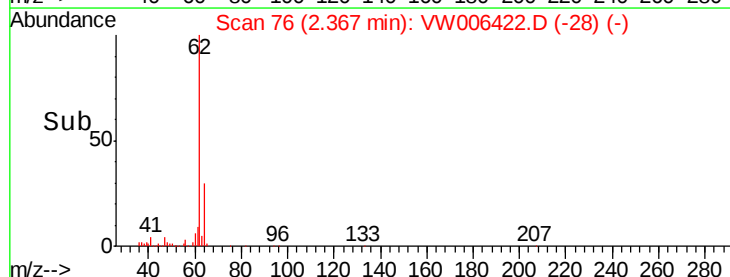
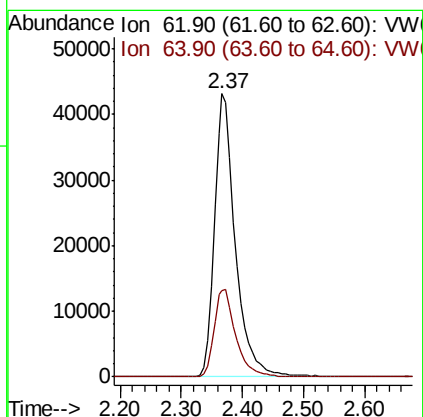
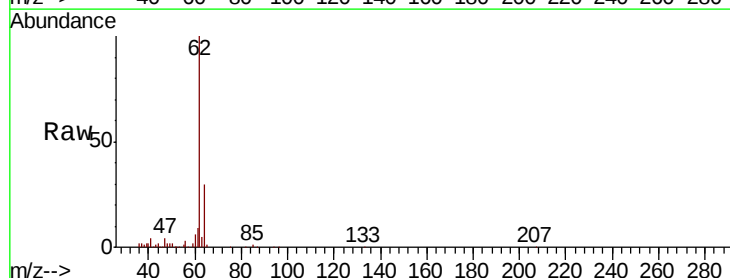
Acq: 27 Oct 2018 00:06

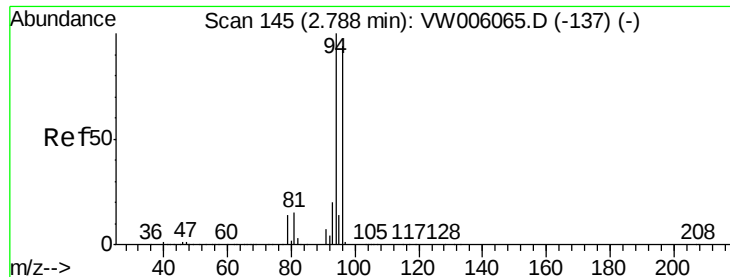
Tgt Ion: 62 Resp: 103841

Ion Ratio Lower Upper

62 100

64 30.3 25.9 38.9





#5

Bromomethane

Concen: 56.368 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 95955

Ion Ratio Lower Upper

94 100

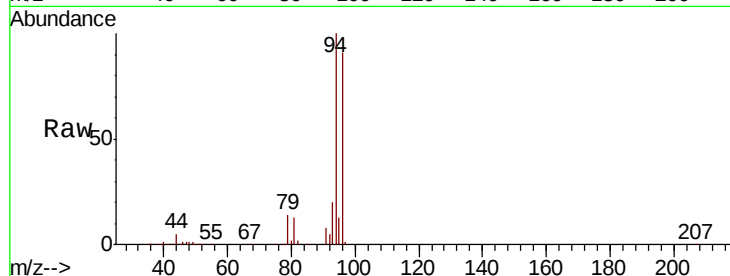
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Manual Integrations

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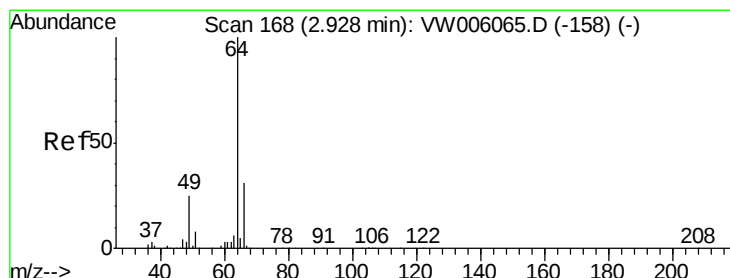
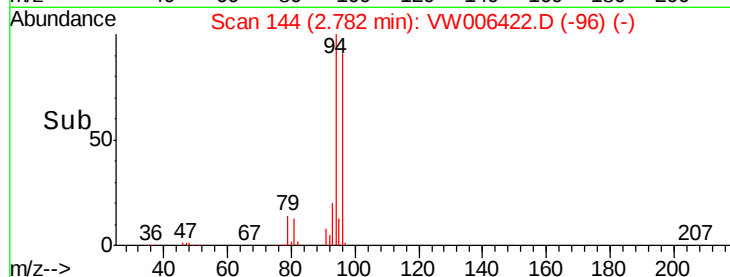
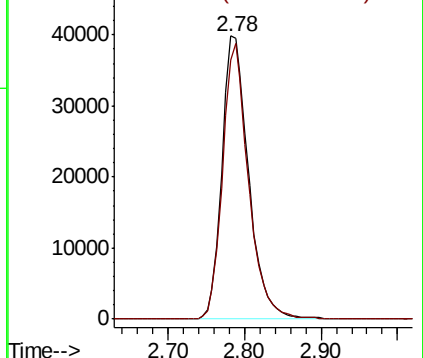
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 59.972 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006422.D

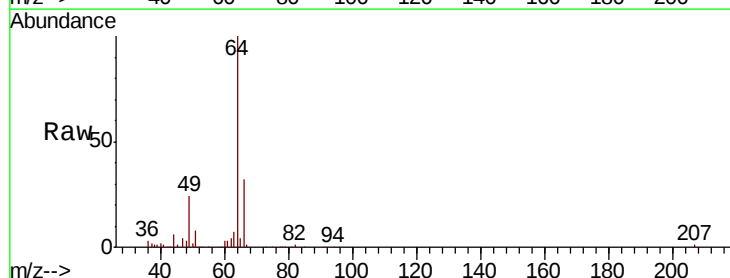
Acq: 27 Oct 2018 00:06

Tgt Ion: 64 Resp: 80438

Ion Ratio Lower Upper

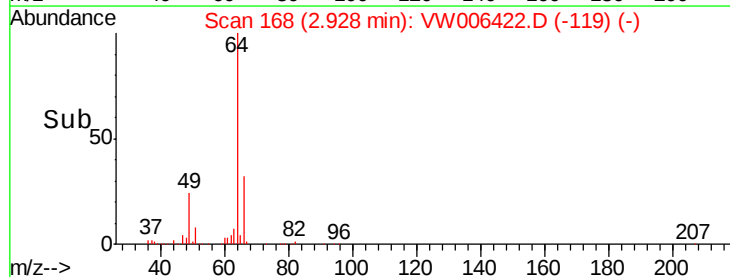
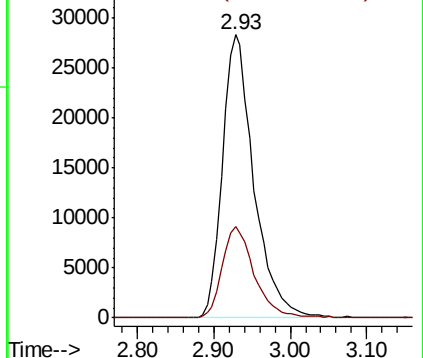
64 100

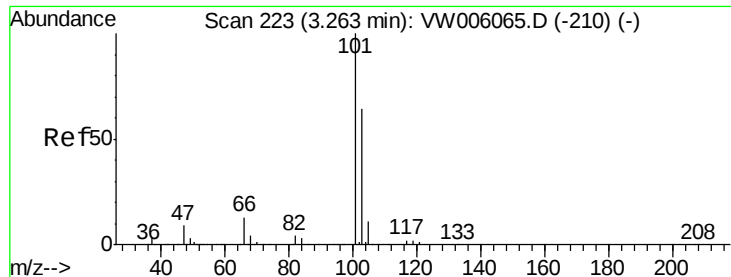
66 32.3 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

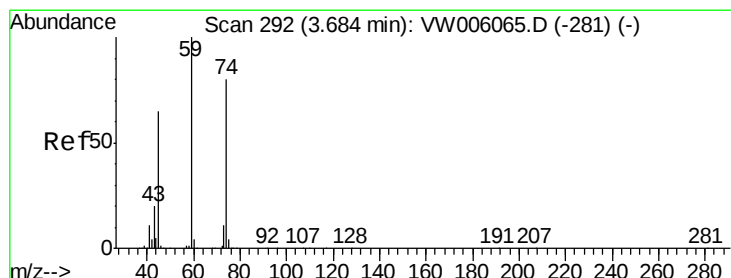
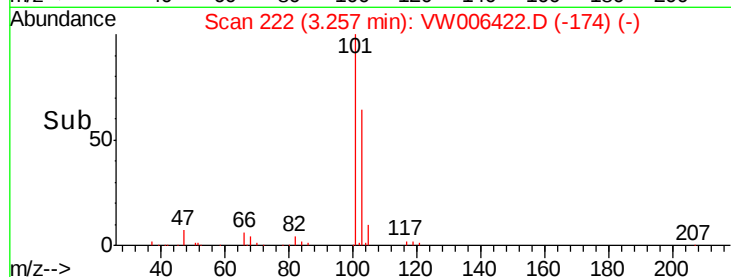
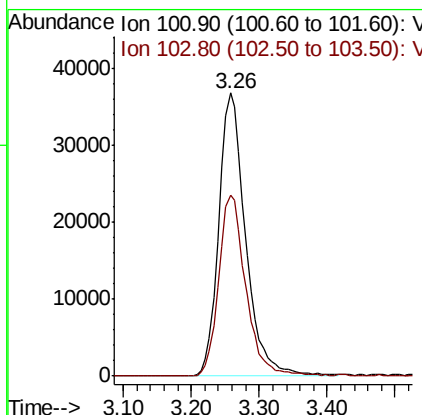
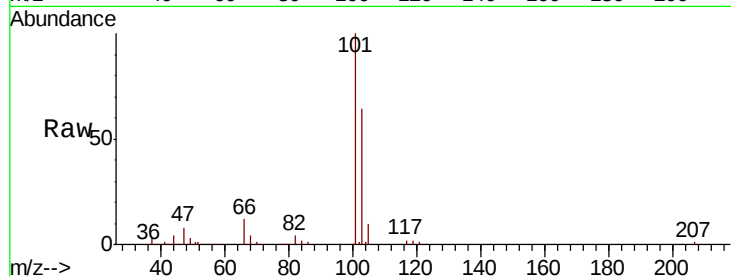
Trichlorofluoromethane
 Concen: 57.770 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.2	76.8

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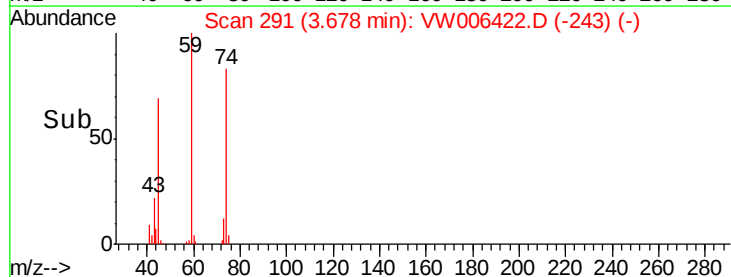
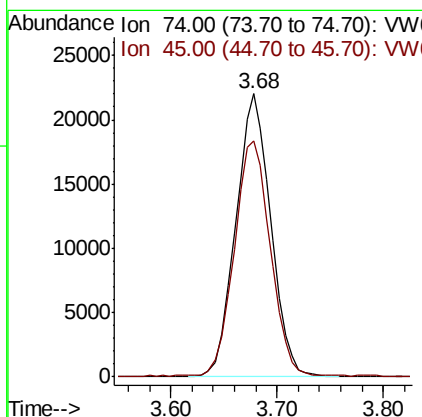
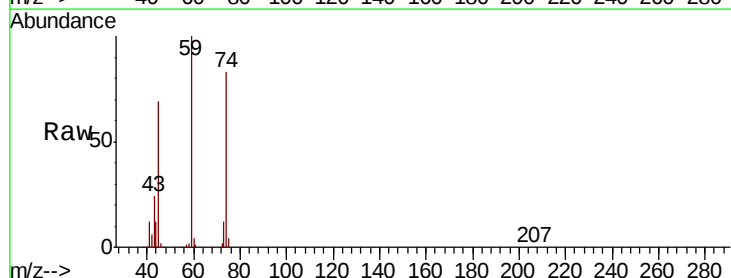
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 10/29/2018 10:03:44 AM



#8

Diethyl Ether
 Concen: 54.695 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.6	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.090 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

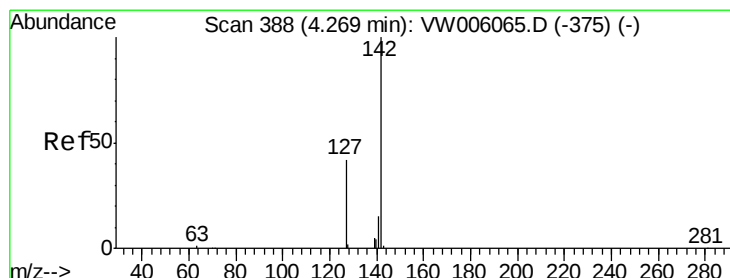
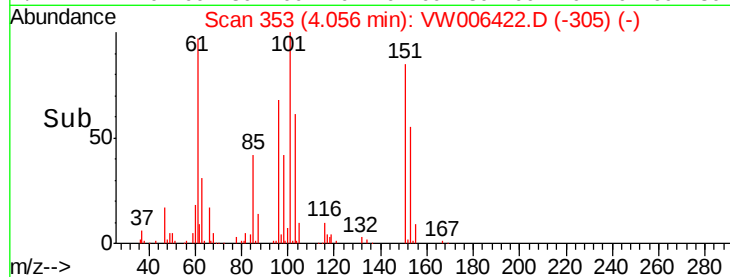
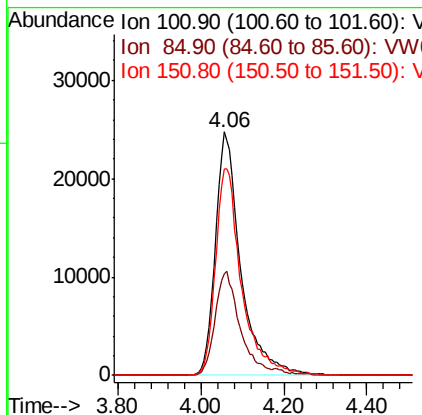
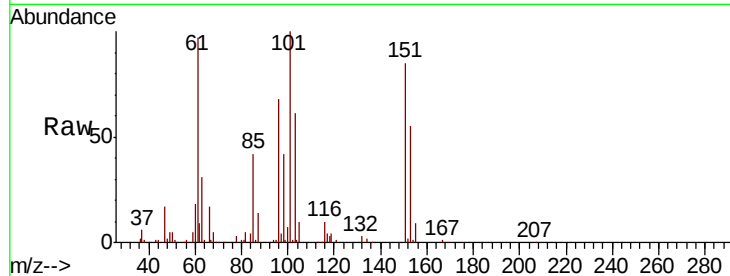
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	104315
Ion Ratio	Lower	Upper	
101	100		
85	41.4	34.9	52.3
151	86.9	70.4	105.6

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#10

Methyl Iodide

Concen: 57.376 ug/l

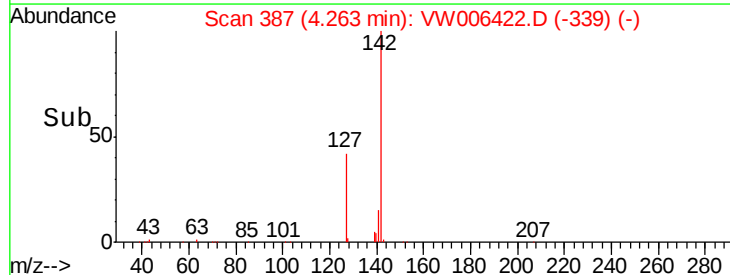
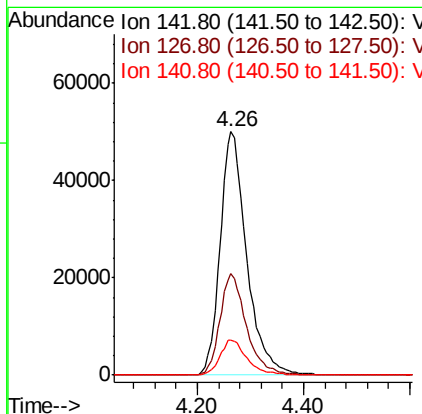
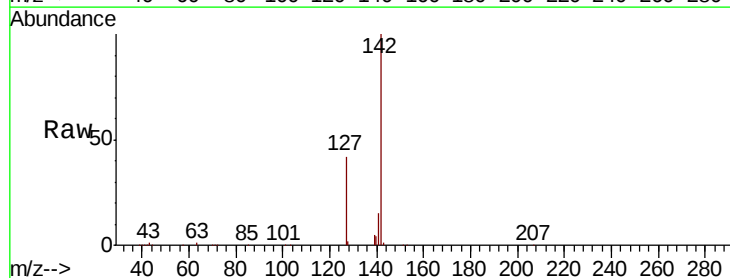
RT: 4.26 min Scan# 387

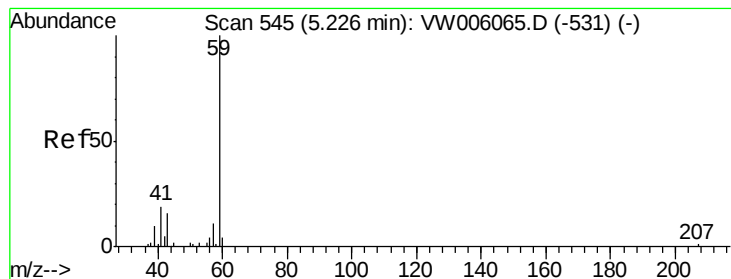
Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Tgt Ion:	142	Resp:	174491
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.6	50.4
141	14.6	11.6	17.4





#11

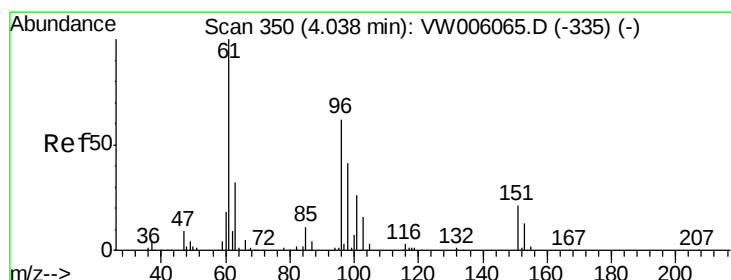
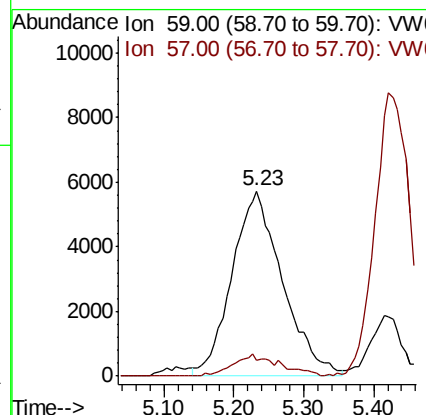
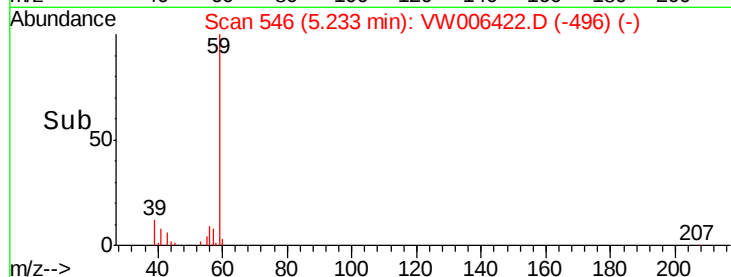
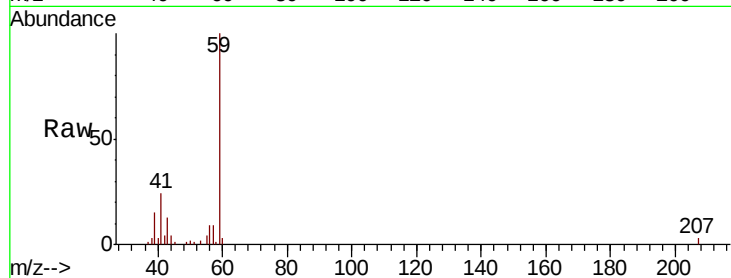
Tert butyl alcohol
Concen: 250.373 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	28722
Ion Ratio	100	Lower	Upper
57	10.9	8.7	13.1

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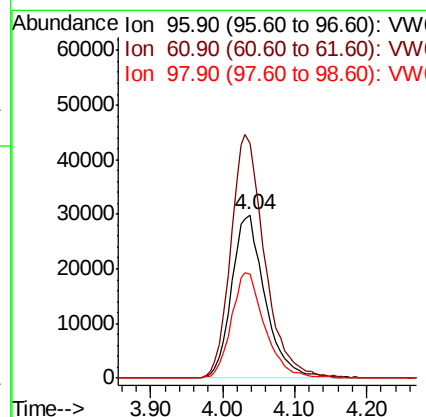
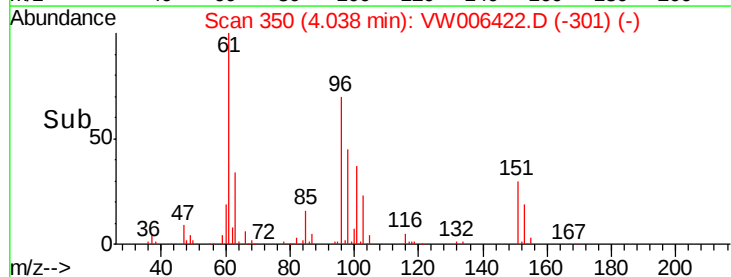
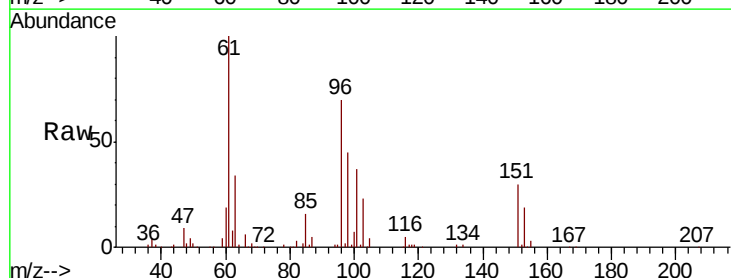
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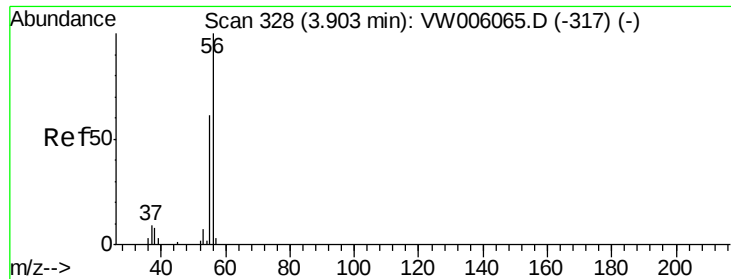


#12

1,1-Dichloroethene
Concen: 56.345 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	96	Resp	96859
Ion Ratio	100	Lower	Upper
61	143.2	129.3	193.9
98	63.7	53.1	79.7





#13

Acrolein

Concen: 225.398 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 25020

Ion Ratio Lower Upper

56 100

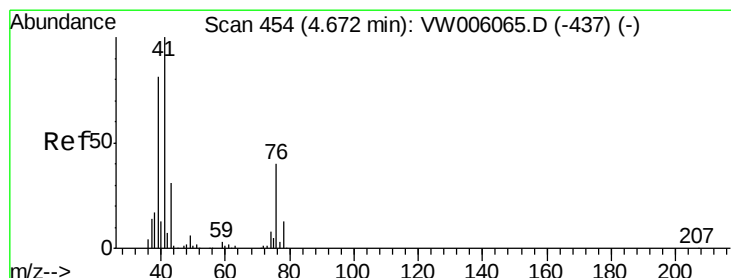
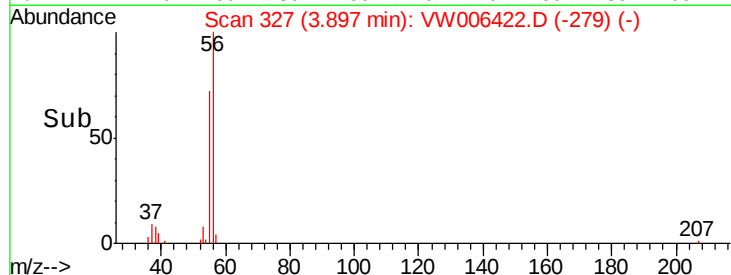
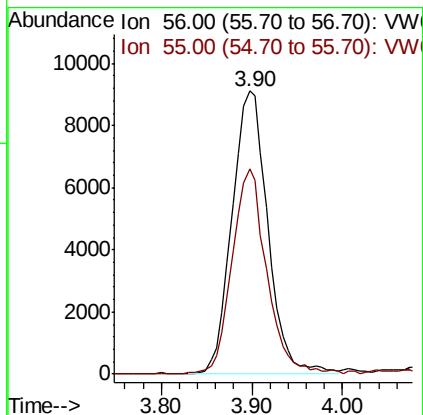
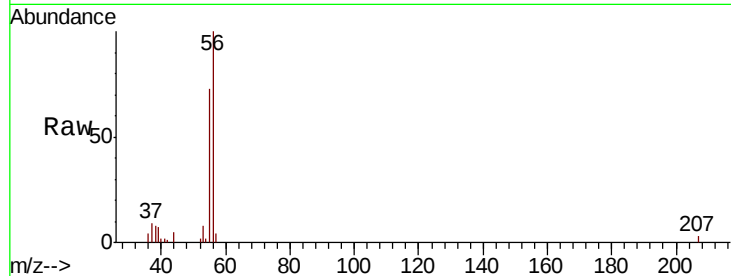
55 70.2 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 54.466 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

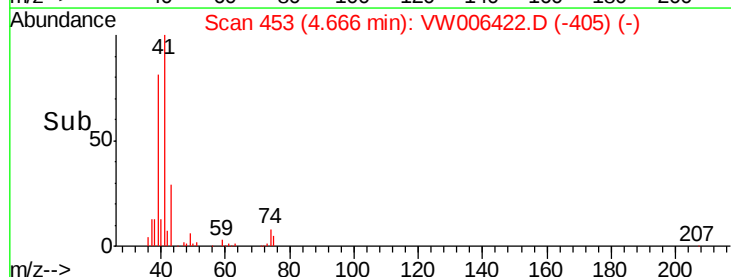
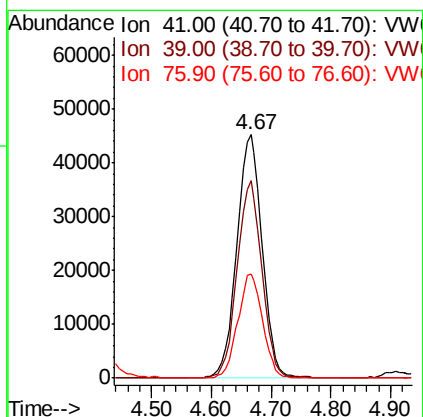
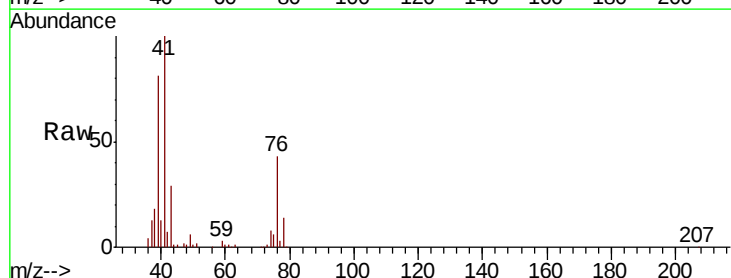
Tgt Ion: 41 Resp: 133875

Ion Ratio Lower Upper

41 100

39 78.6 64.1 96.1

76 41.7 32.2 48.4





#15

Acrylonitrile

Concen: 296.775 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

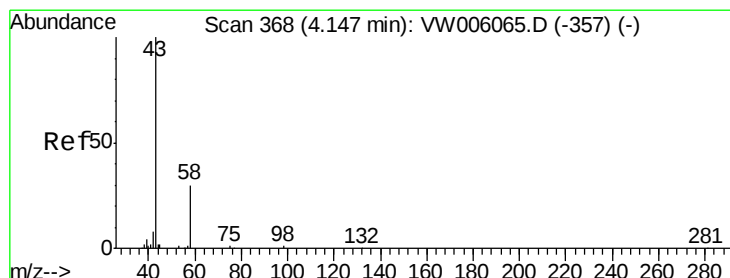
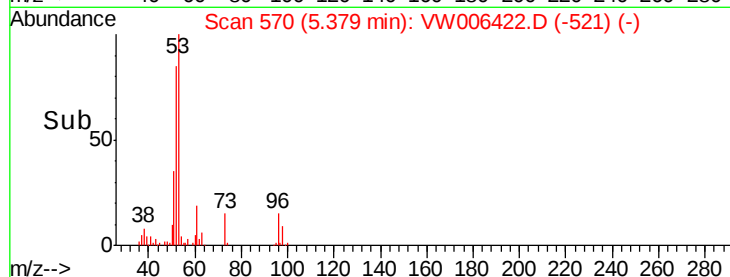
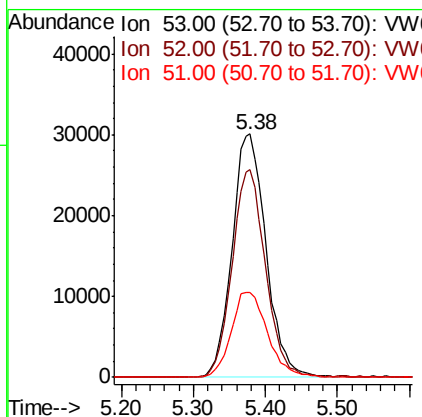
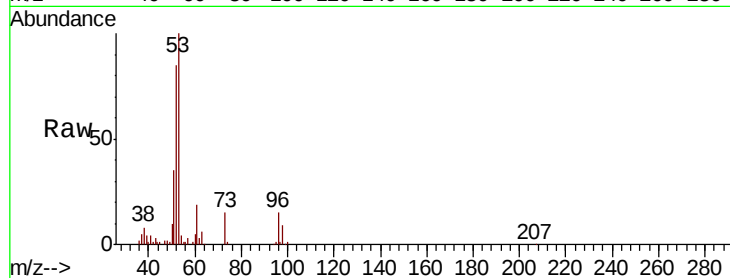
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	98635
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.9	100.3
51	37.6	30.1	45.1

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#16

Acetone

Concen: 282.600 ug/l

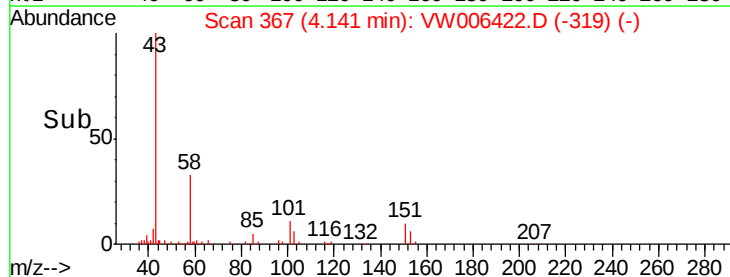
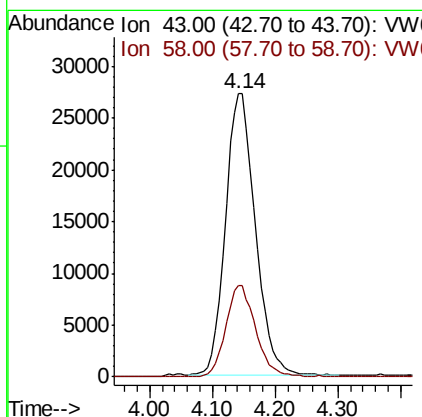
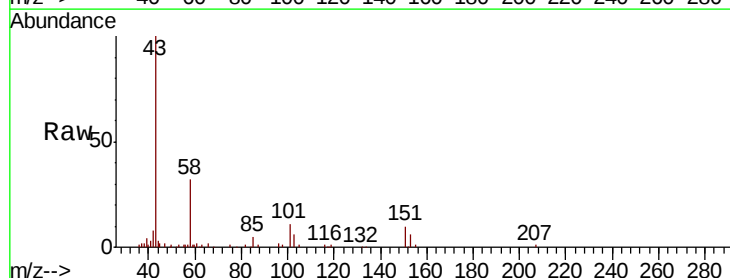
RT: 4.14 min Scan# 367

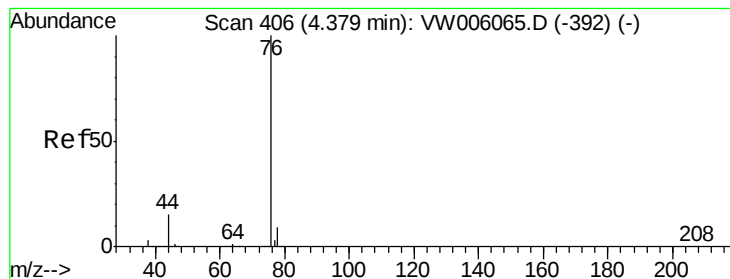
Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Tgt Ion:	43	Resp:	89815
Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.0	36.0





#17

Carbon Disulfide

Concen: 50.515 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 262080

Ion Ratio Lower Upper

76 100

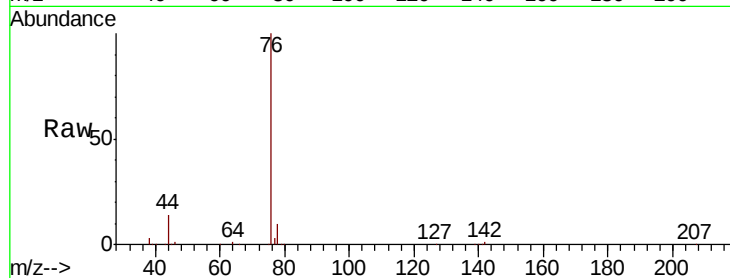
78 9.8 7.5 11.3

Manual Integrations

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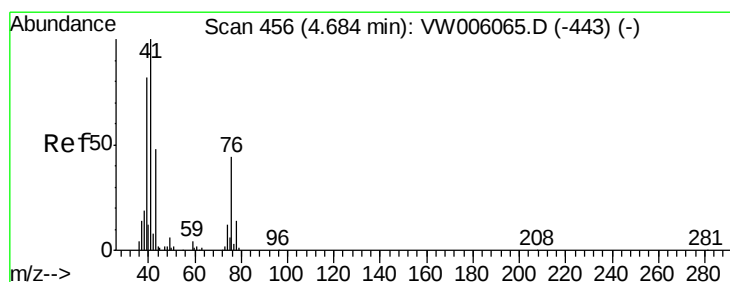
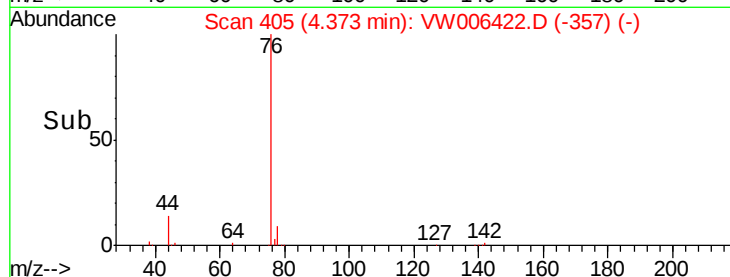
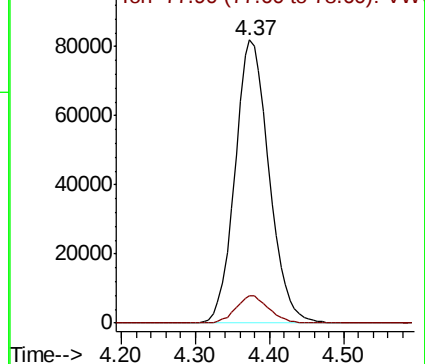
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 56.819 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006422.D

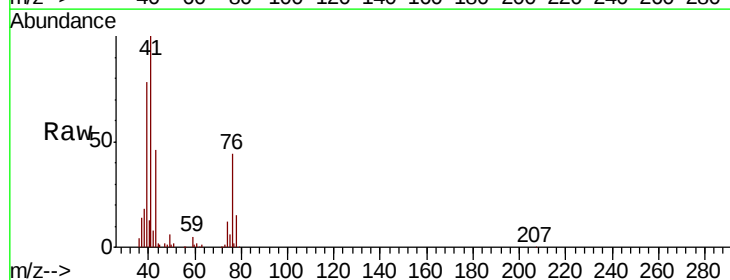
Acq: 27 Oct 2018 00:06

Tgt Ion: 43 Resp: 48773

Ion Ratio Lower Upper

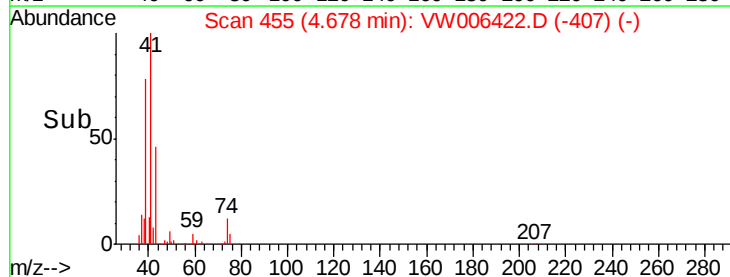
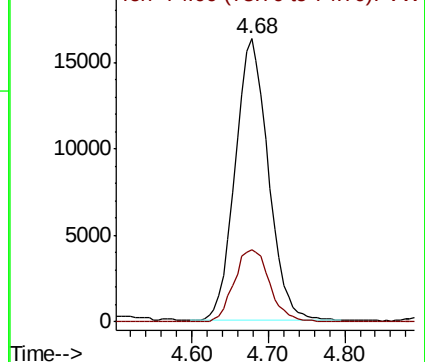
43 100

74 27.5 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





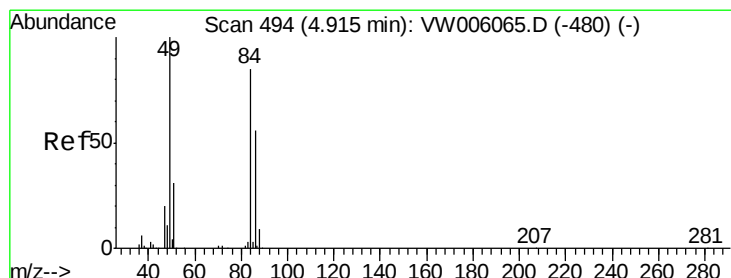
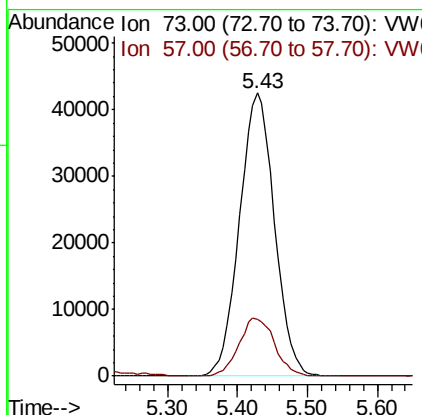
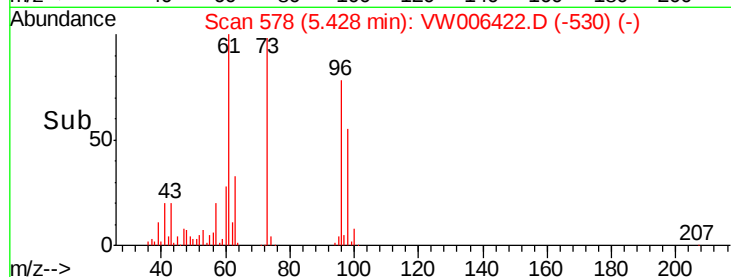
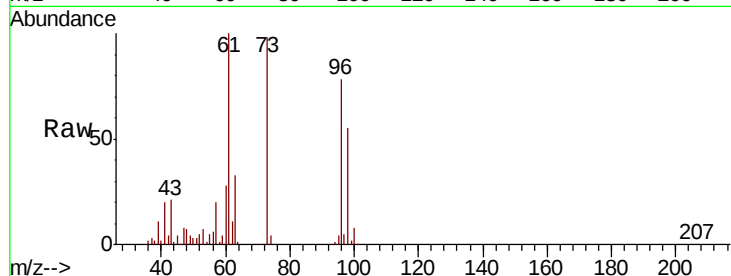
#19
Methyl tert-butyl Ether
Concen: 56.306 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.4	26.2

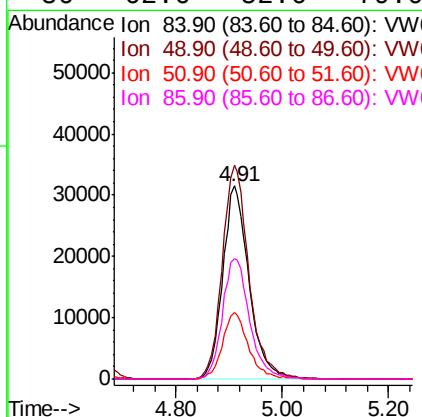
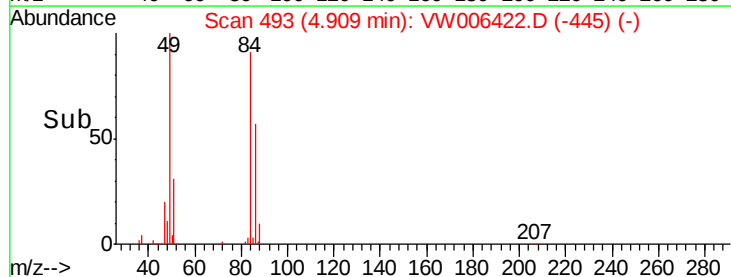
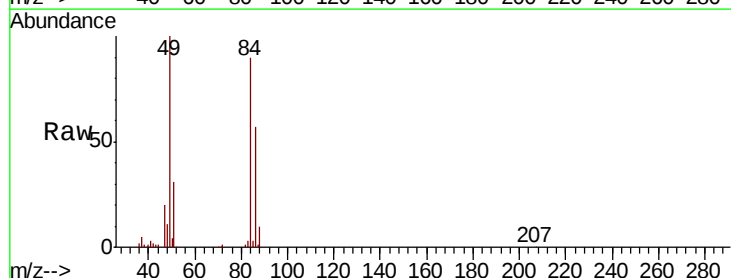
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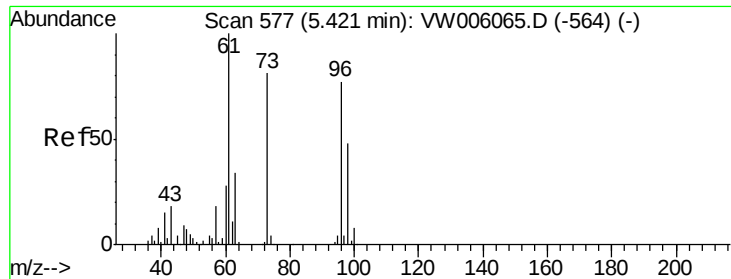
apatel
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#20
Methylene Chloride
Concen: 60.509 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.8	93.6	140.4
51	34.3	29.0	43.4
86	62.6	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 58.678 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

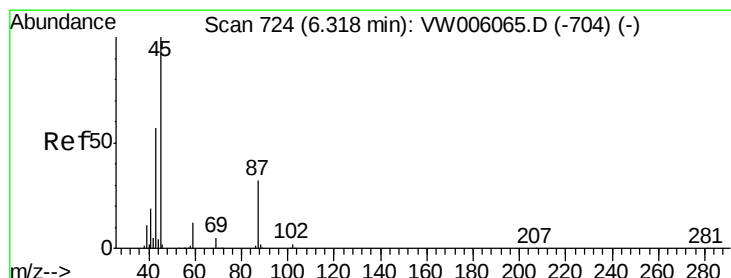
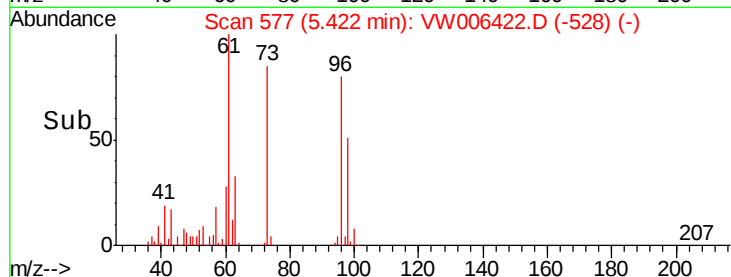
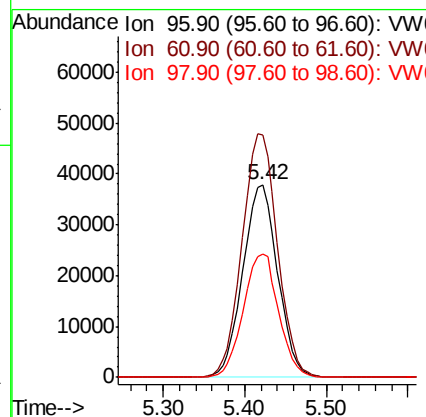
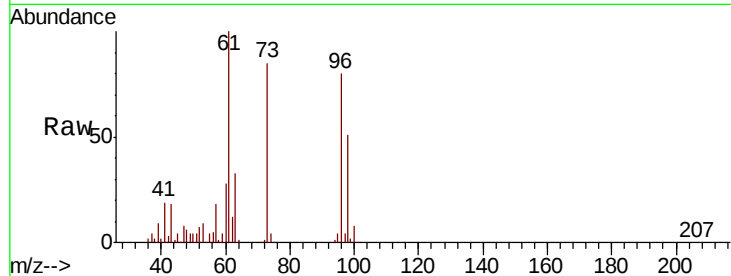
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	112590
Ion	Ratio	Lower	Upper
96	100		
61	125.4	104.5	156.7
98	63.8	50.6	75.8

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#22

Diisopropyl ether

Concen: 58.761 ug/l

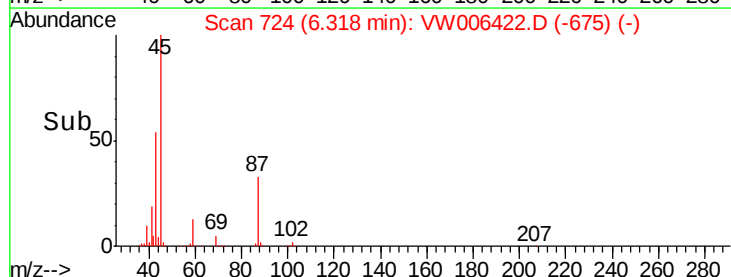
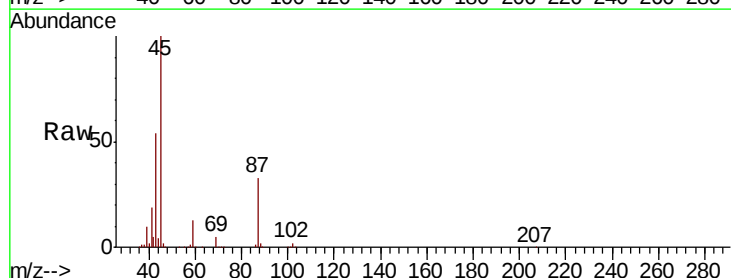
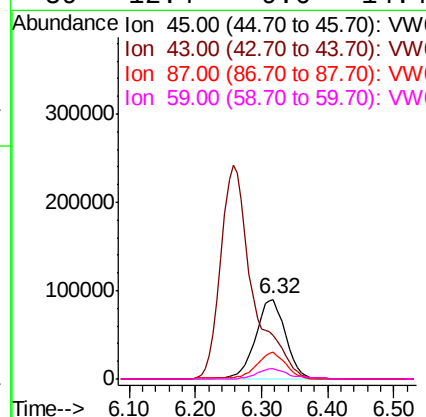
RT: 6.32 min Scan# 724

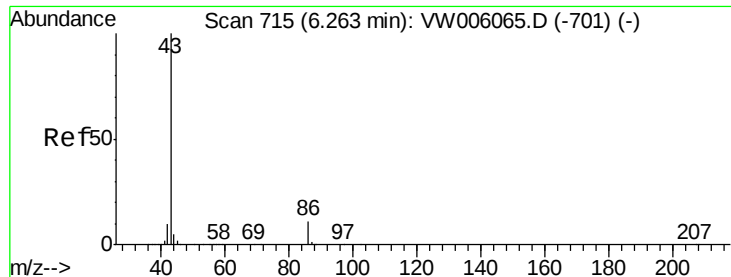
Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Tgt Ion:	45	Resp:	285419
Ion	Ratio	Lower	Upper
45	100		
43	53.5	45.7	68.5
87	33.4	25.9	38.9
59	12.4	9.6	14.4





#23

Vinyl Acetate

Concen: 284.128 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 814468

Ion Ratio Lower Upper

43 100

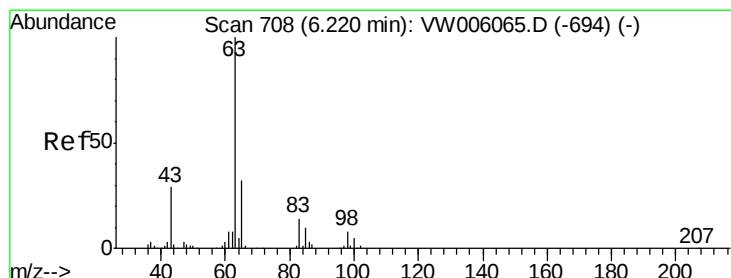
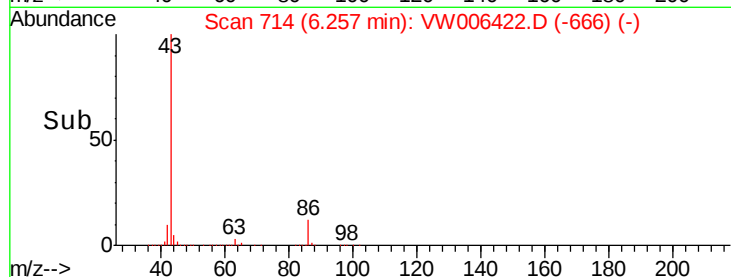
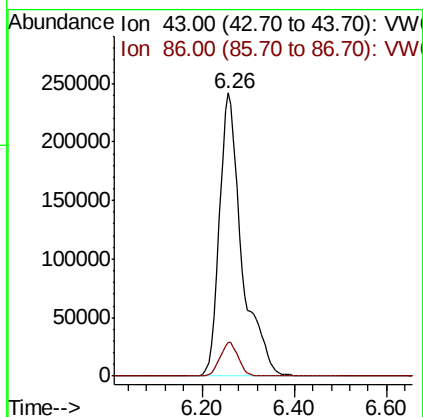
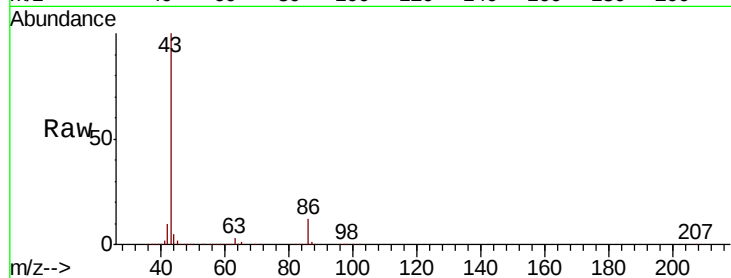
86 12.0 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 60.275 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

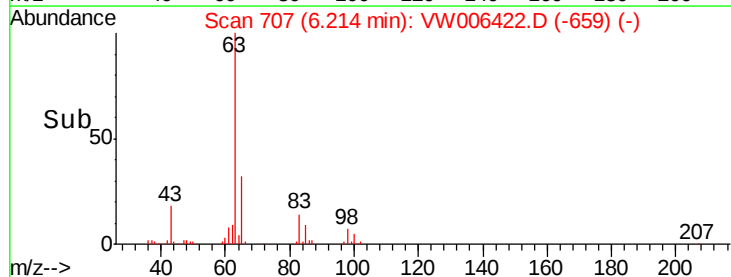
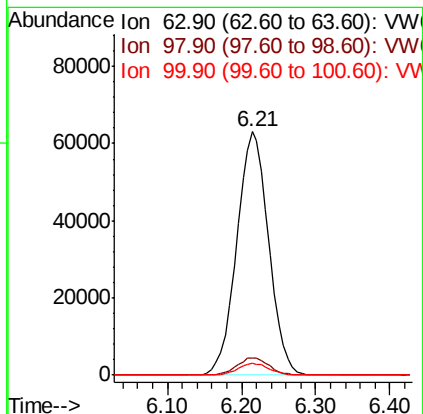
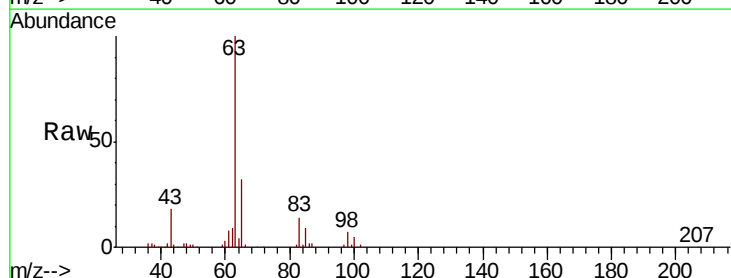
Tgt Ion: 63 Resp: 188915

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 282.867 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 130344

Ion Ratio Lower Upper

43 100

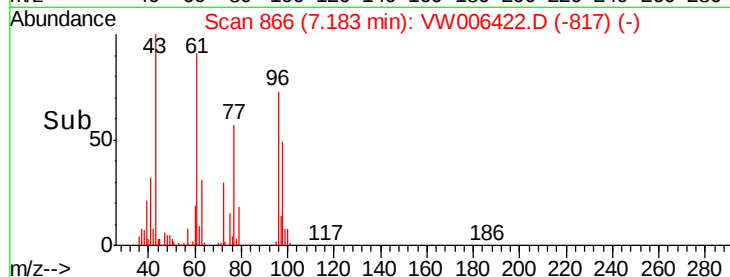
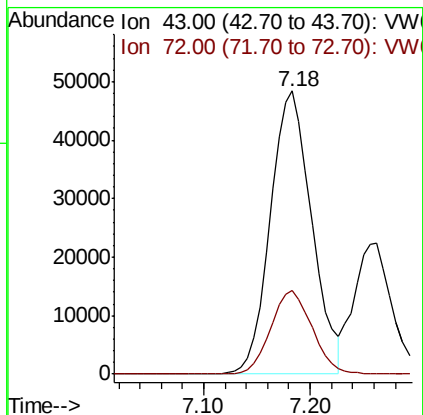
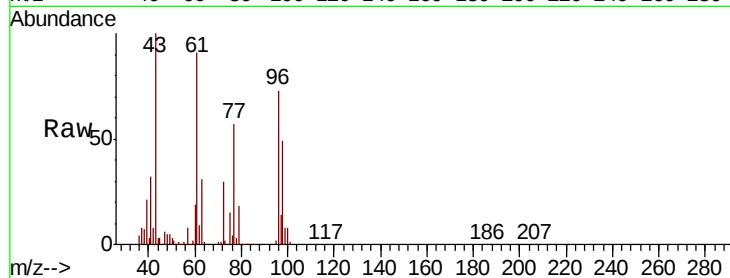
72 29.8 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.609 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006422.D

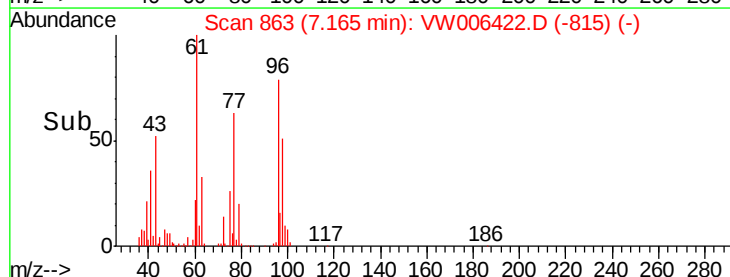
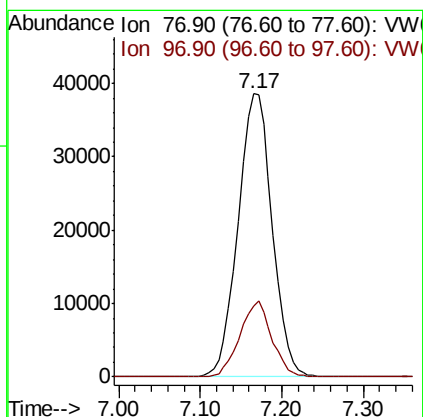
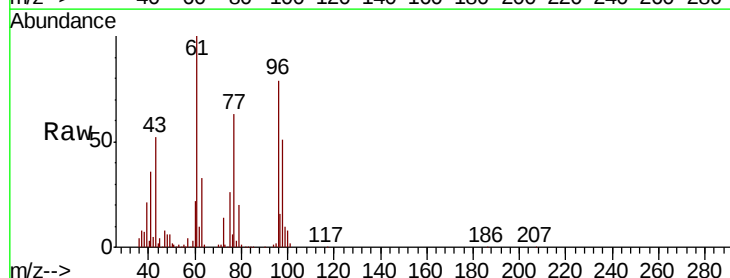
Acq: 27 Oct 2018 00:06

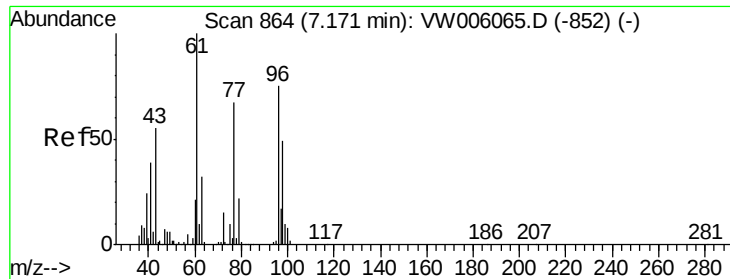
Tgt Ion: 77 Resp: 111873

Ion Ratio Lower Upper

77 100

97 24.9 12.2 36.4





#27

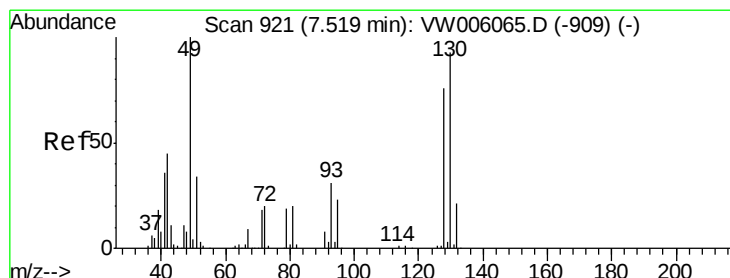
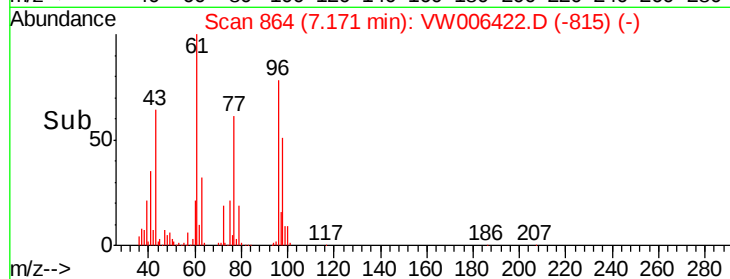
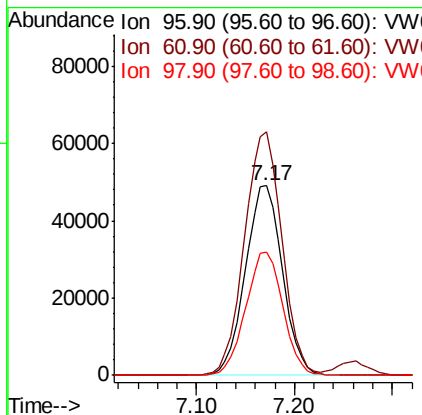
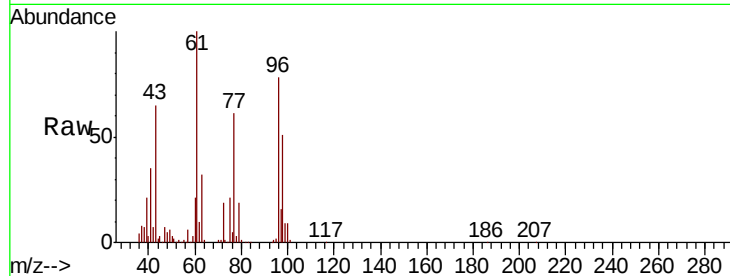
cis-1,2-Dichloroethene
 Concen: 61.286 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	267.2
98	65.0	0.0	128.6

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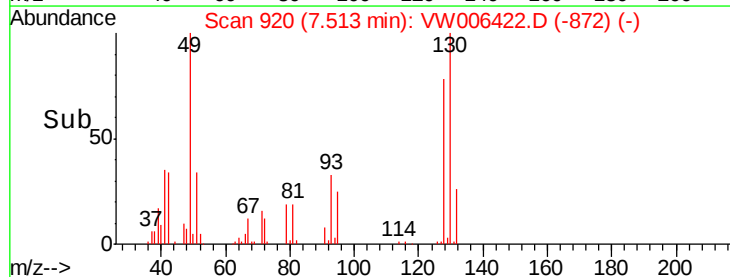
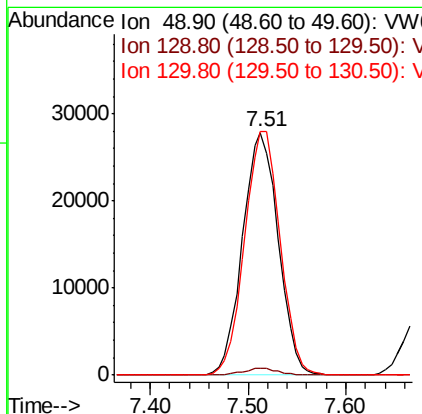
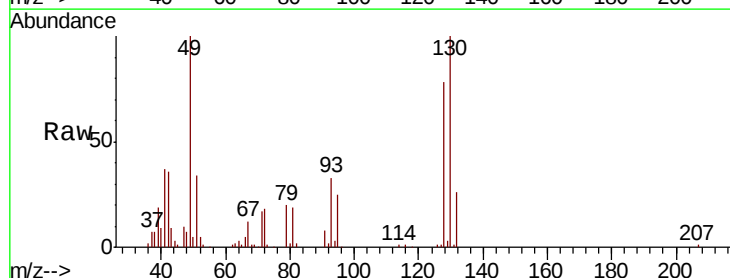
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#28

Bromochloromethane
 Concen: 58.236 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	99.7	73.8	110.8





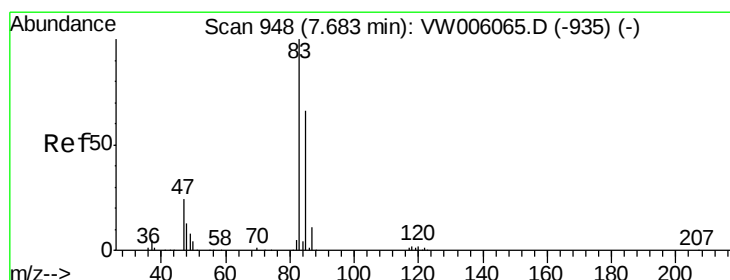
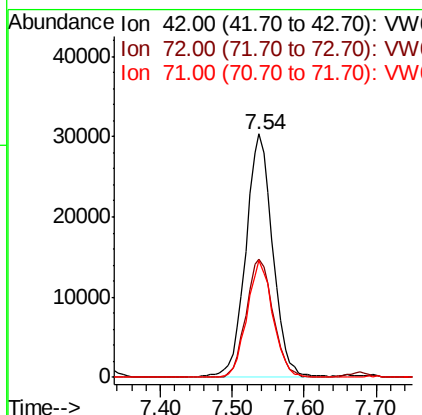
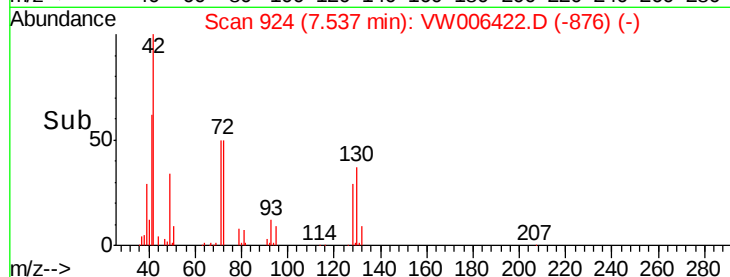
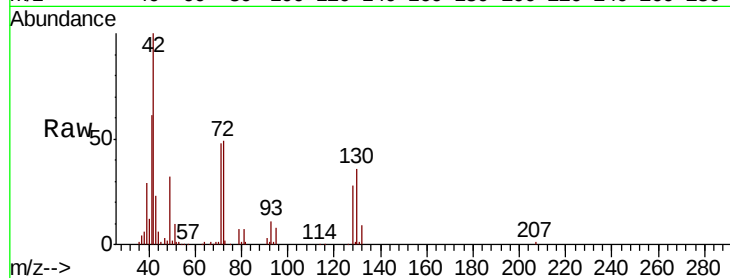
#29
Tetrahydrofuran
Concen: 279.331 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	79118
Ion	Ratio	Lower	Upper
42	100		
72	48.6	38.0	57.0
71	45.9	35.3	52.9

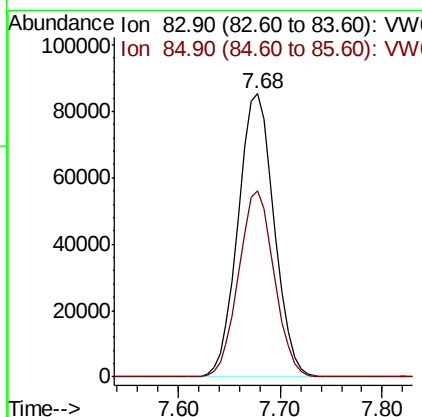
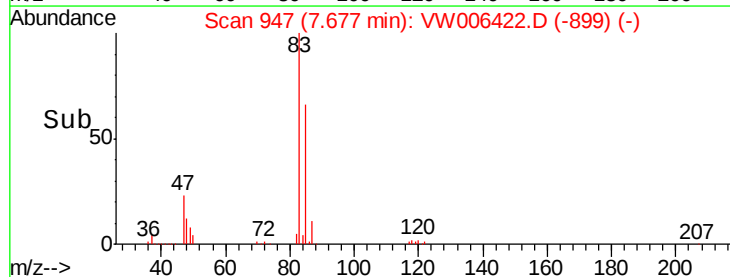
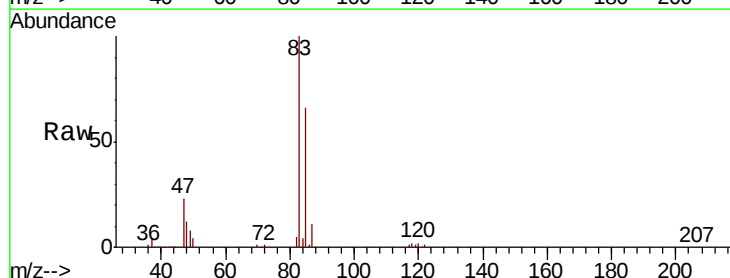
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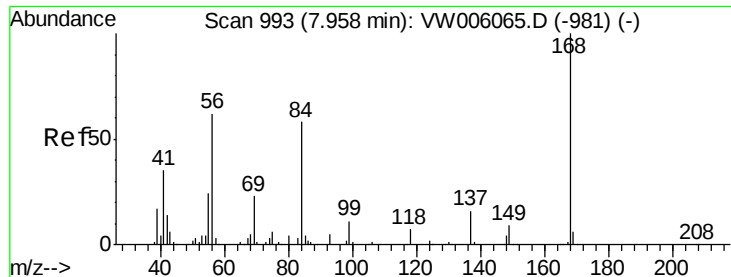
apatel
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#30
Chloroform
Concen: 61.328 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion:	83	Resp:	209420
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.6	79.0





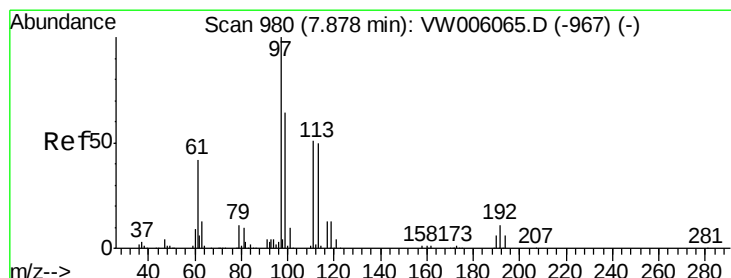
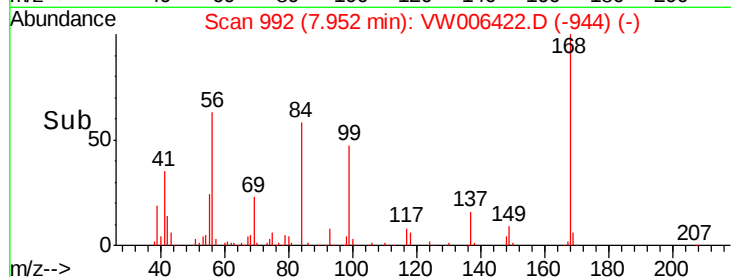
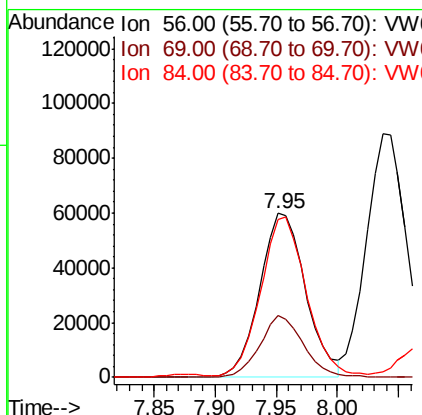
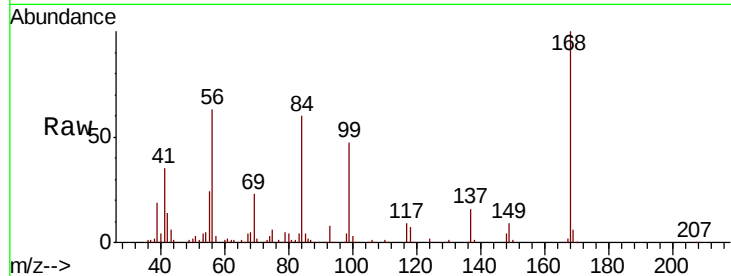
#31
Cyclohexane
Concen: 50.203 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.4	29.4	44.0
84	94.2	74.0	111.0

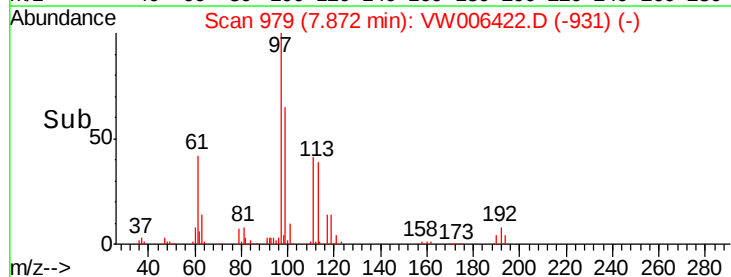
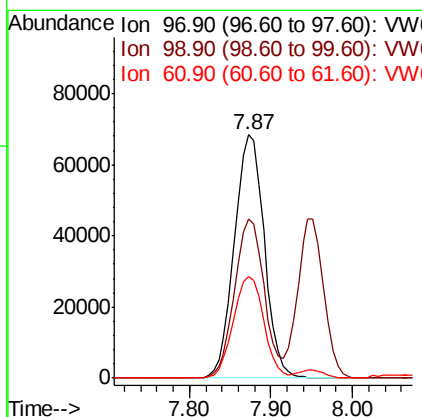
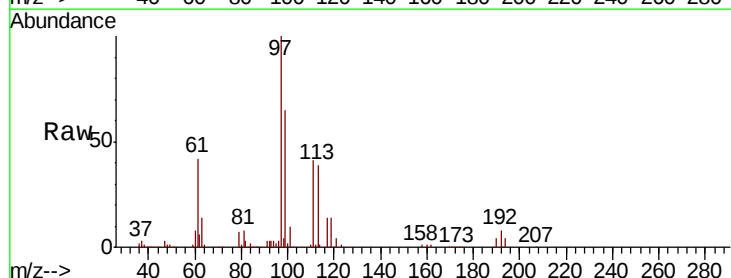
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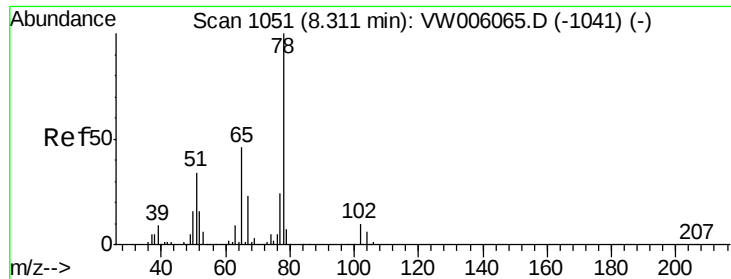
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#32
1,1,1-Trichloroethane
Concen: 56.462 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.9	76.3
61	42.4	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 51.247 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 87412

Ion Ratio Lower Upper

65 100

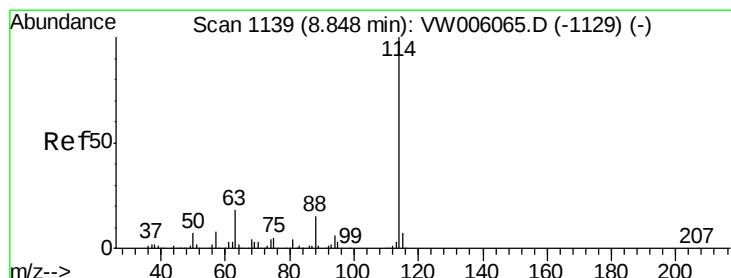
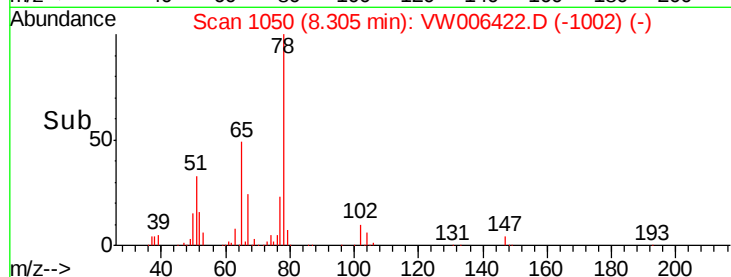
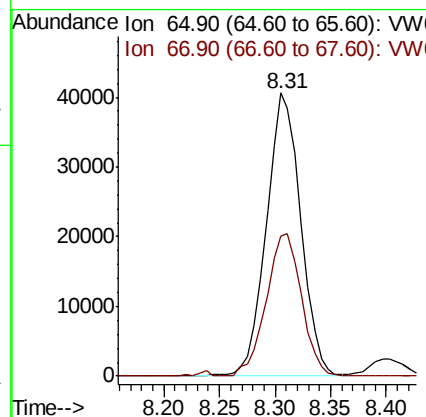
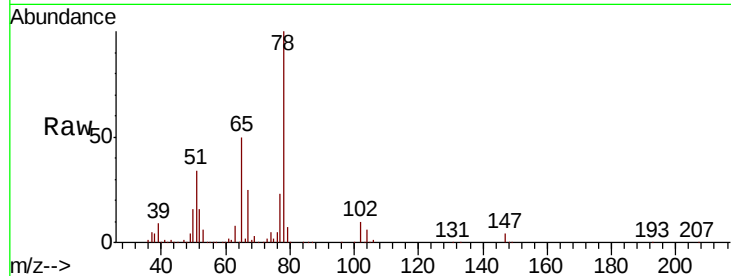
67 51.7 0.0 101.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

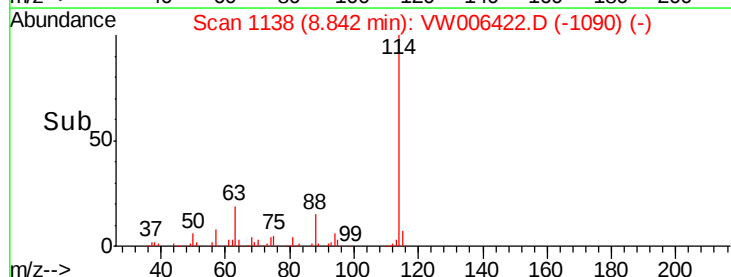
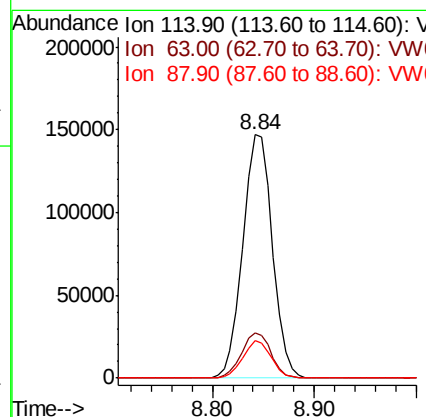
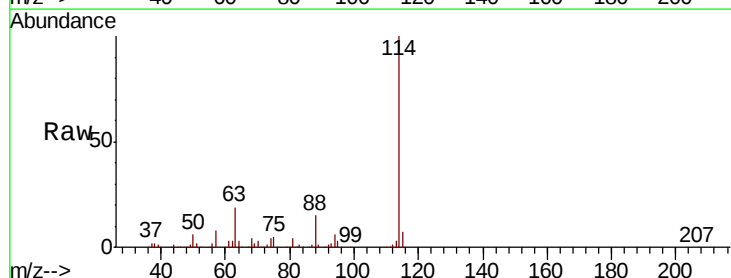
Tgt Ion: 114 Resp: 295983

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

88 15.3 0.0 29.0





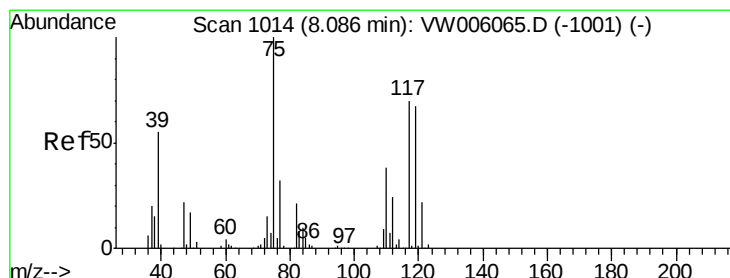
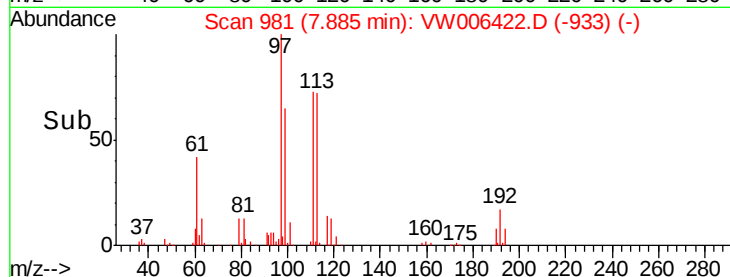
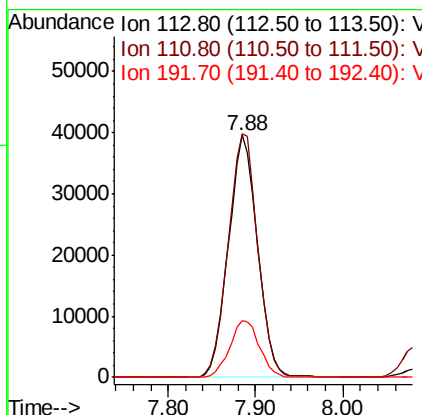
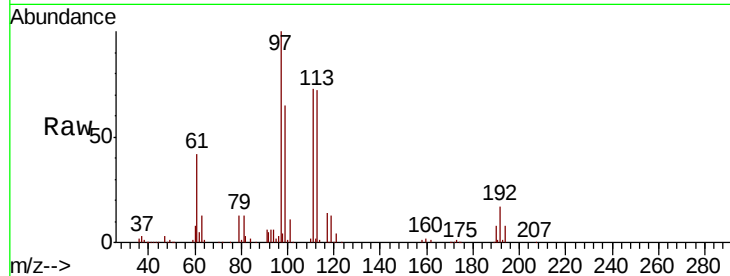
#35
 Dibromofluoromethane
 Concen: 52.095 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	24.0	18.7	28.1

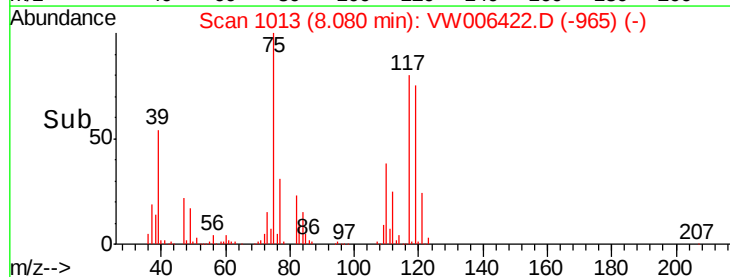
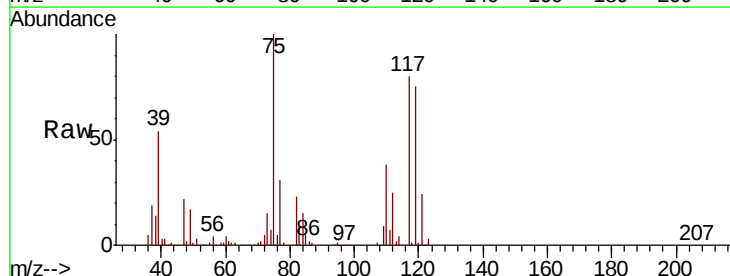
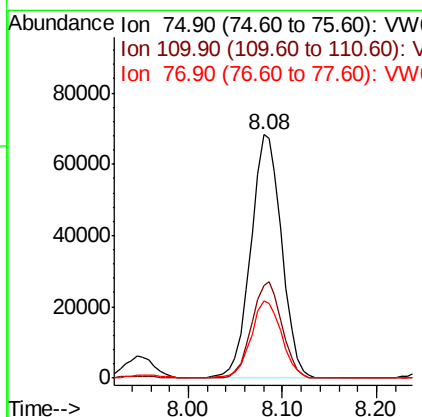
Manual Integrations
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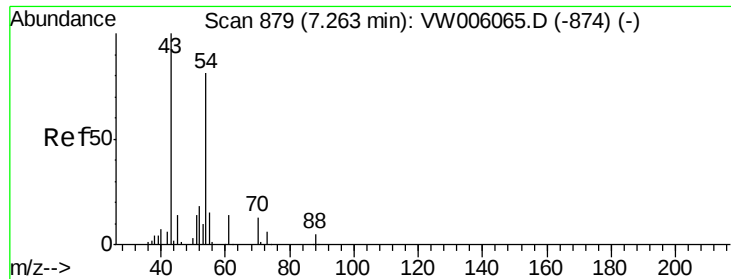
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#36
 1,1-Dichloropropene
 Concen: 57.558 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.1	57.1
77	31.5	25.0	37.4





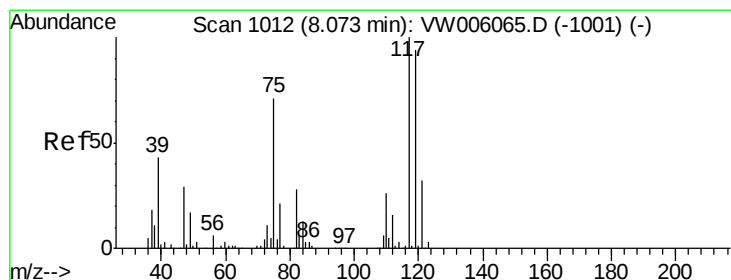
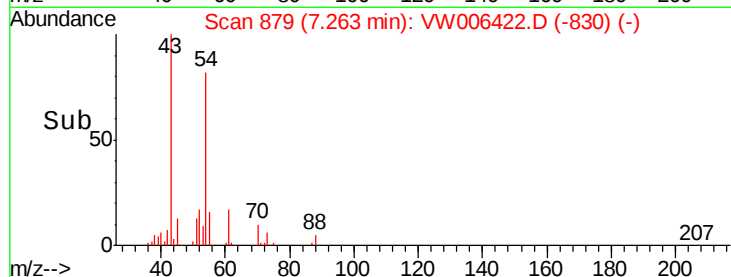
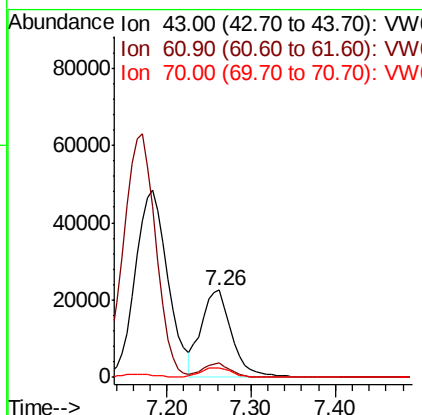
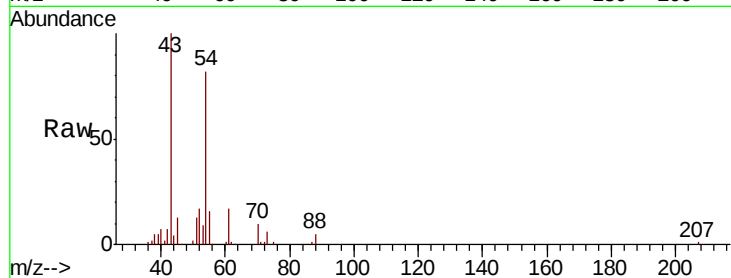
#37
Ethyl Acetate
Concen: 56.499 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	11.1	9.2	13.8

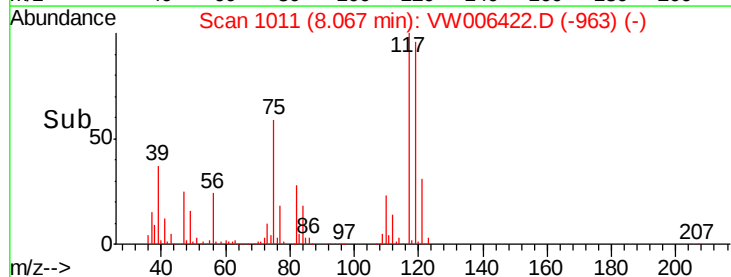
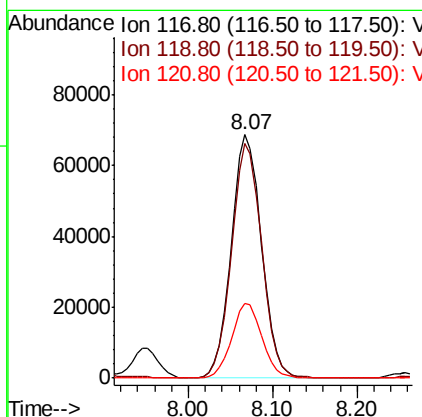
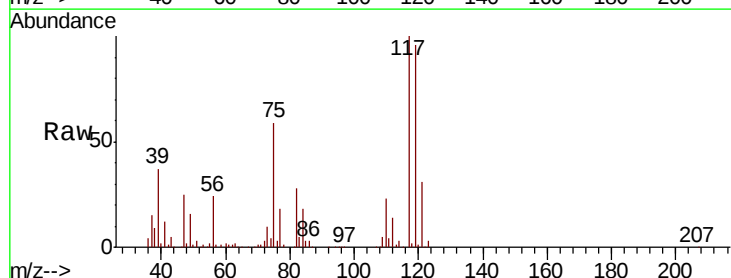
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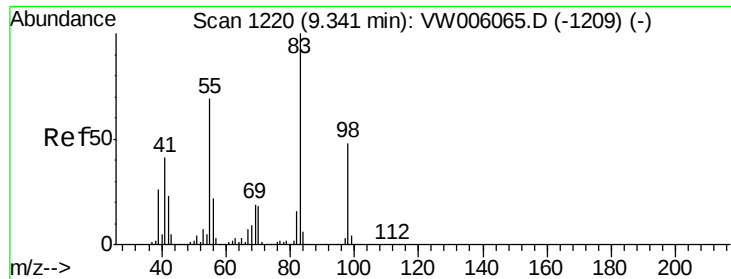
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#38
Carbon Tetrachloride
Concen: 55.704 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.2	112.8
121	30.8	25.3	37.9





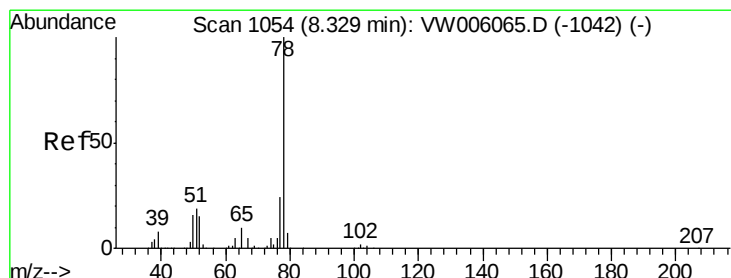
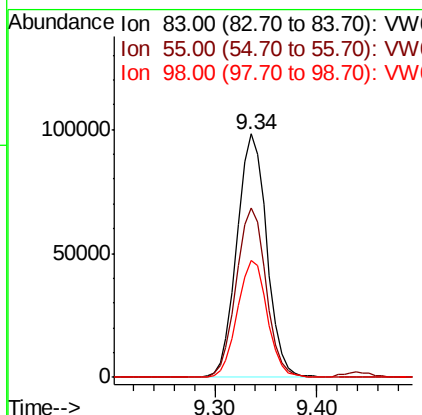
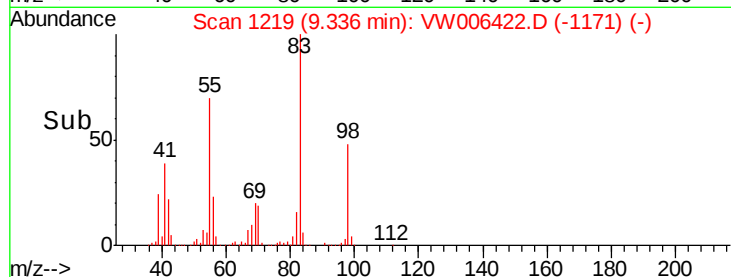
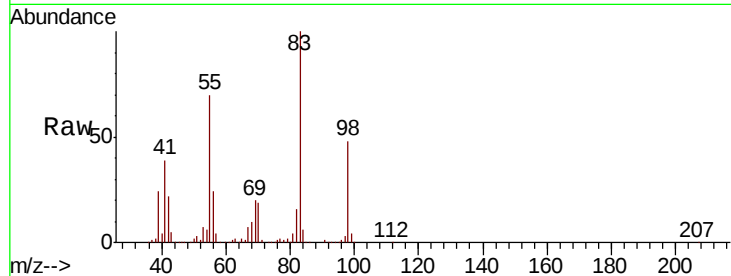
#39
Methvlcvclohexane
Concen: 55.013 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	199500		
55	69.8		55.0	82.6
98	47.8		38.6	57.8

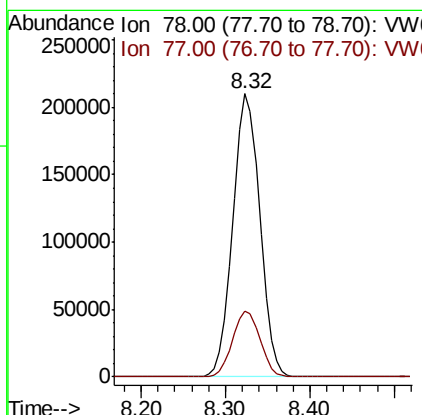
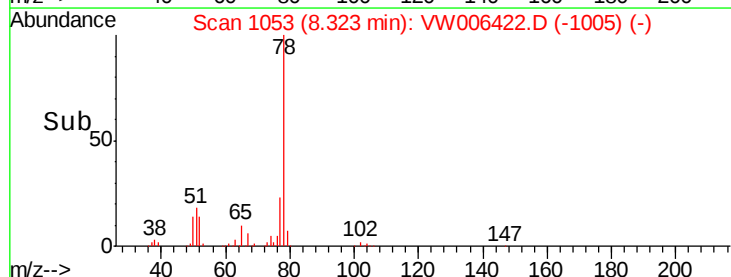
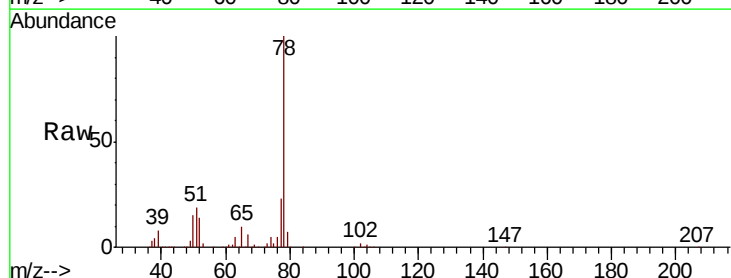
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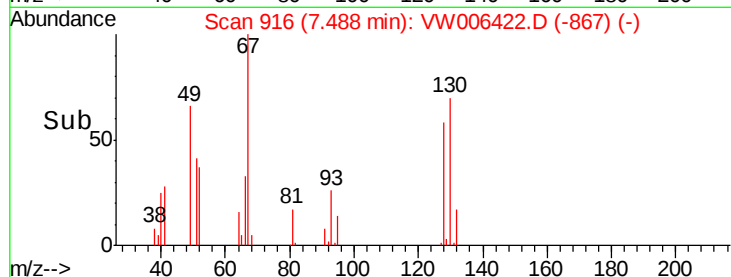
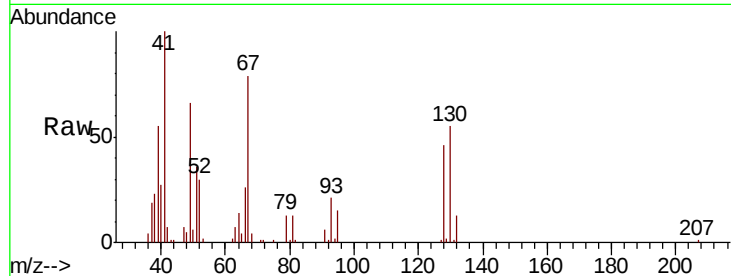
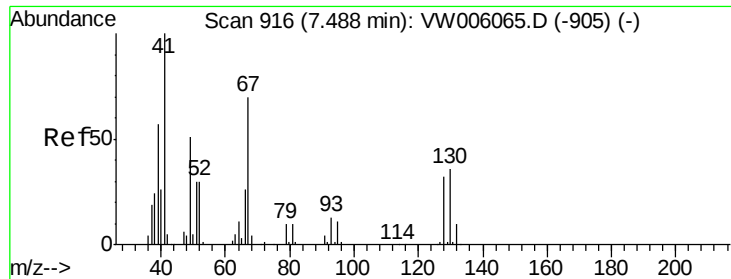
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#40
Benzene
Concen: 60.839 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	455286		
77	23.2		19.4	29.0





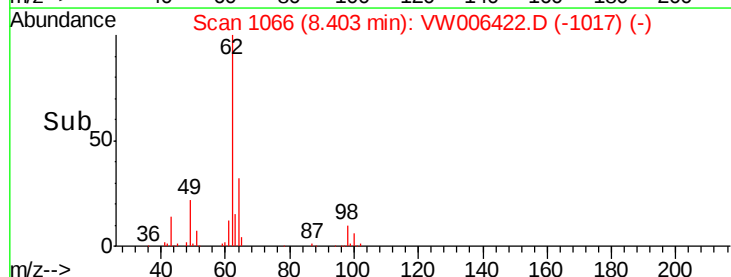
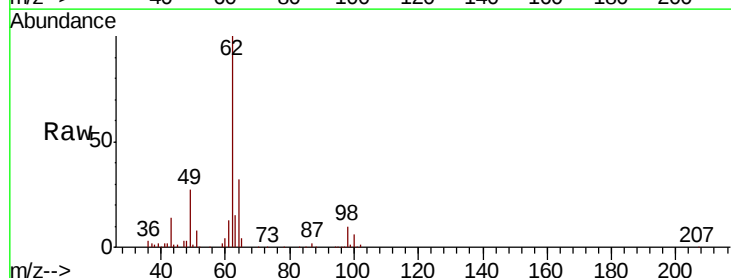
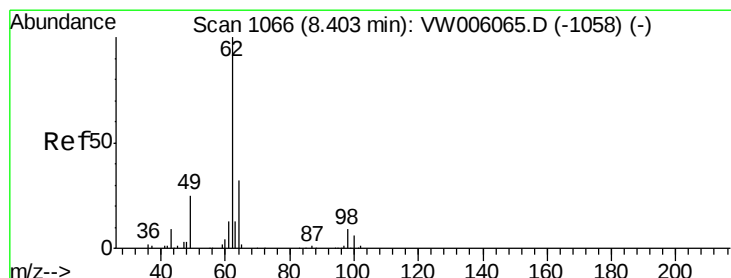
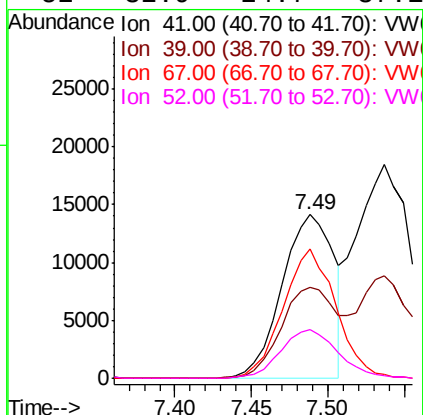
#41
Methacrylonitrile
Concen: 54.430 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tot Ion	41	Resp	33259
Ion	Ratio	Lower	Upper
41	100		
39	62.6	46.2	69.4
67	80.5	57.7	86.5
52	32.9	24.7	37.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

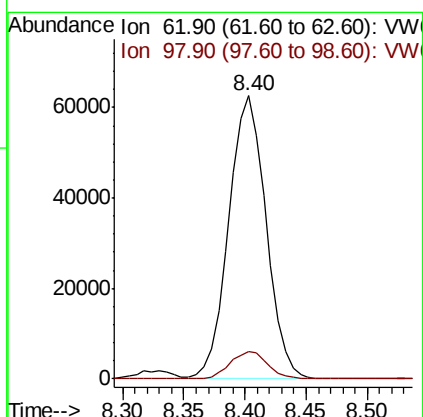
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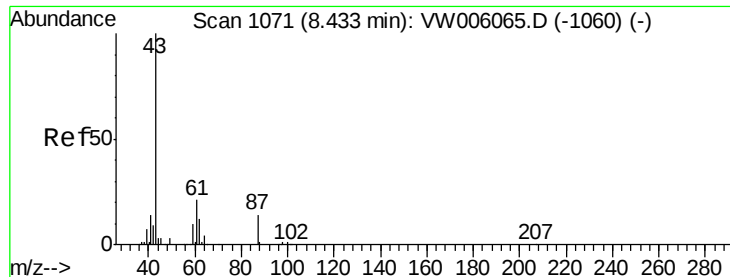
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#42
1,2-Dichloroethane
Concen: 60.130 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	62	Resp	132205
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4





#43

Isopropyl Acetate

Concen: 54.690 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

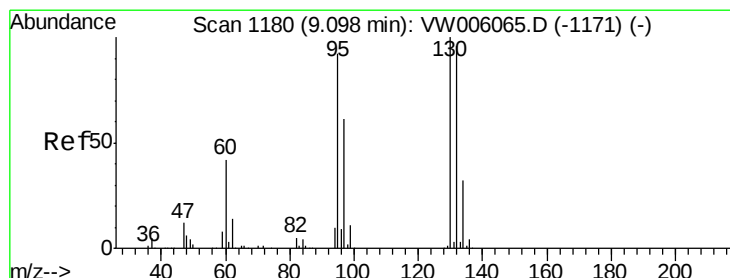
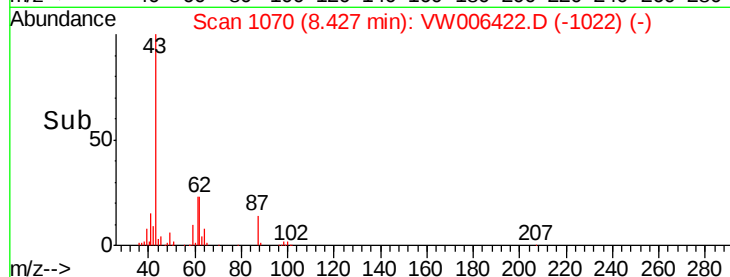
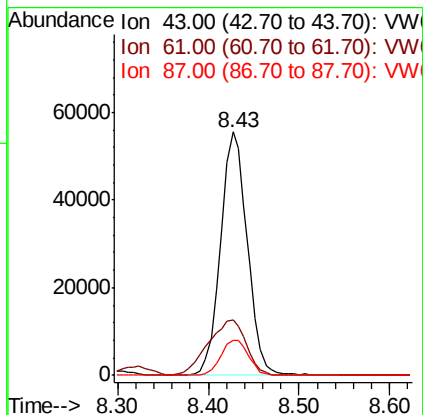
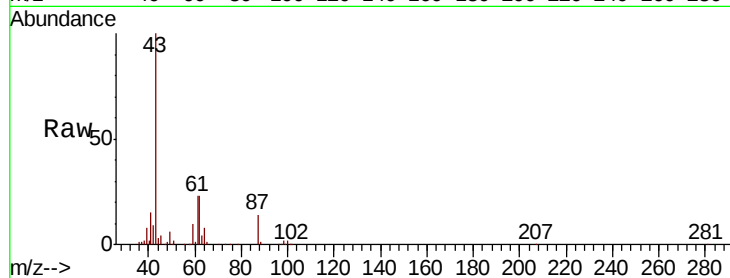
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	113343
Ion	Ratio	Lower	Upper
43	100		
61	32.6	25.5	38.3
87	15.1	11.7	17.5

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#44

Trichloroethene

Concen: 60.313 ug/l

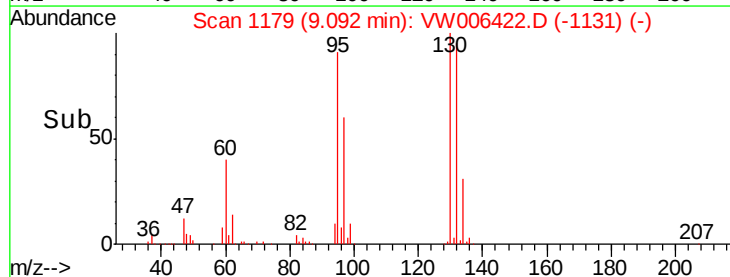
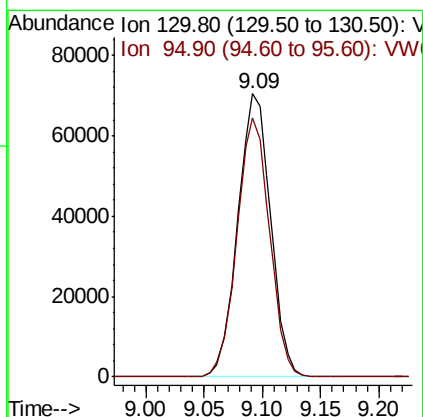
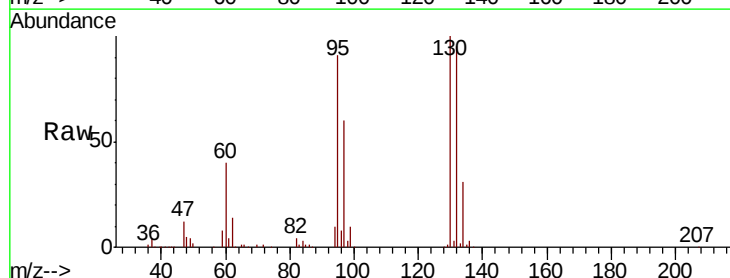
RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Tgt Ion:	130	Resp:	138475
Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	183.2





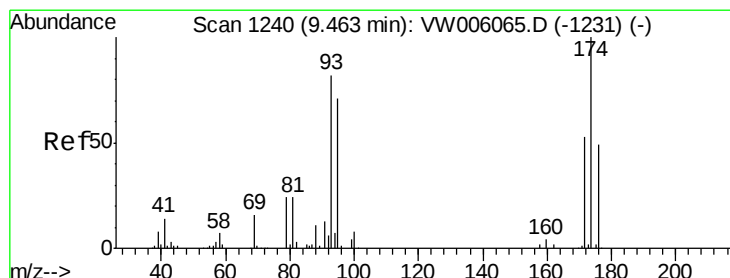
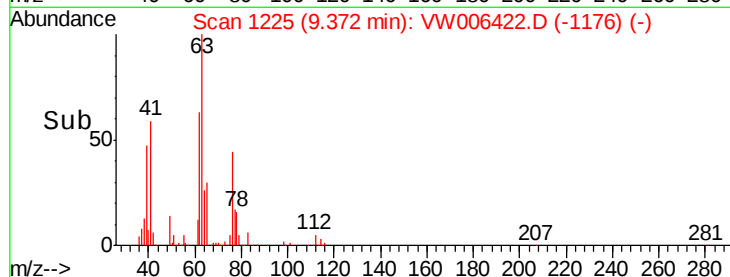
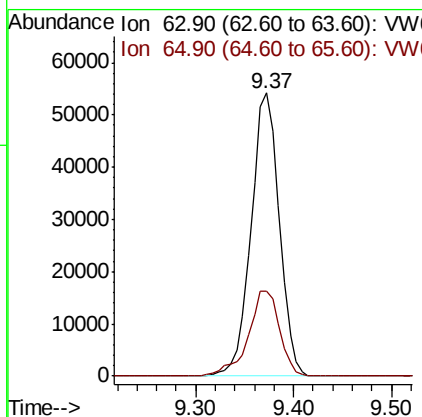
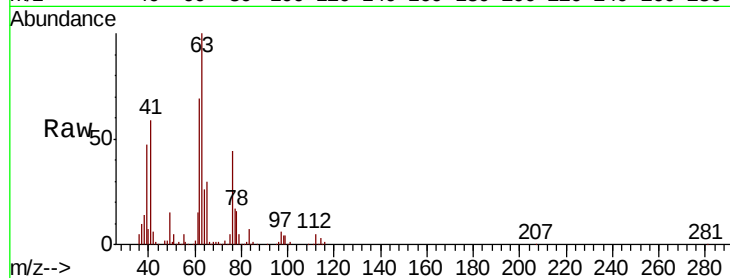
#45
 1,2-Dichloropropane
 Concen: 60.527 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	25.4	38.0

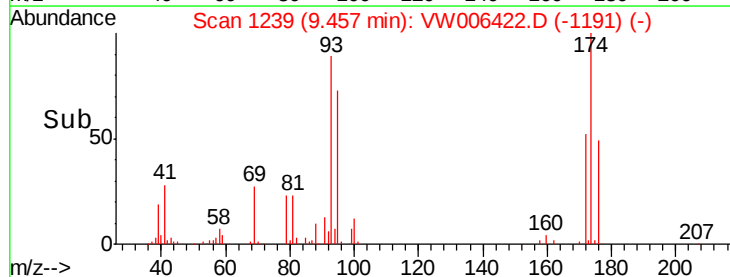
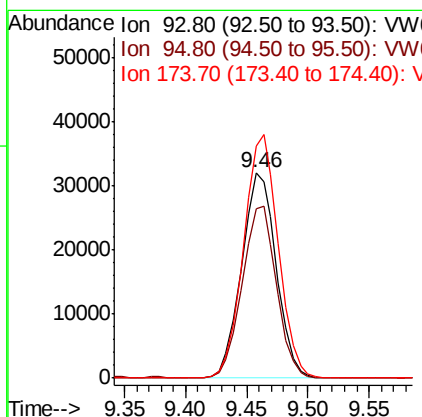
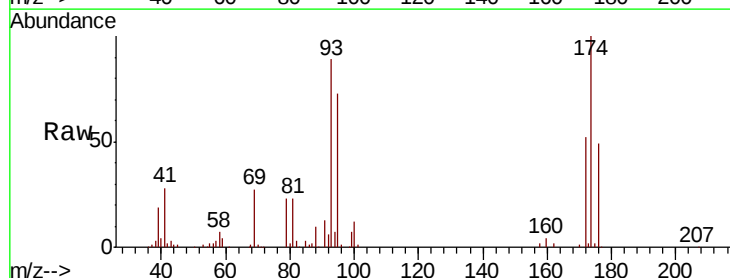
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#46
 Dibromomethane
 Concen: 61.625 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	67.7	101.5
174	118.3	93.7	140.5





#47

Bromodichloromethane

Concen: 59.360 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

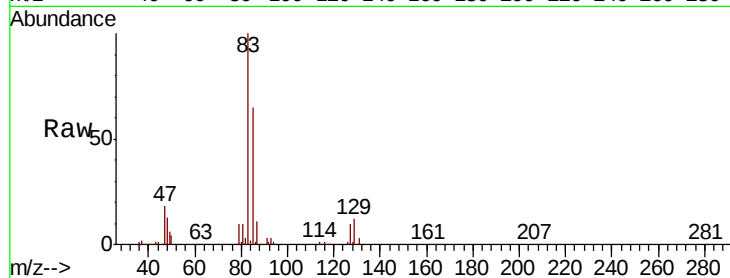
ClientSampleId :

VSTDCCC050

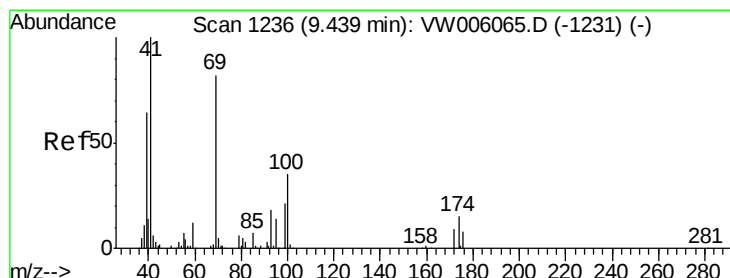
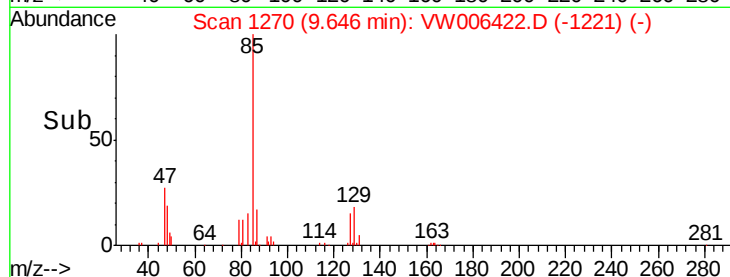
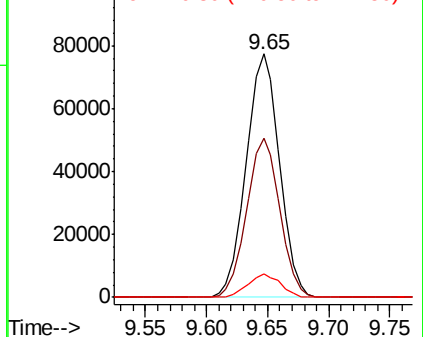
Tot Ion:	83	Resp:	146887
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.8	77.8
127	9.5	6.9	10.3

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



#48

Methyl methacrylate

Concen: 55.182 ug/l

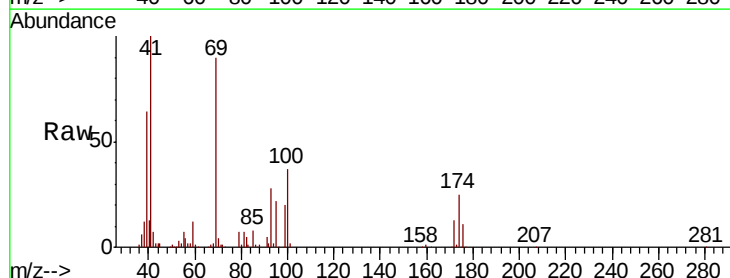
RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

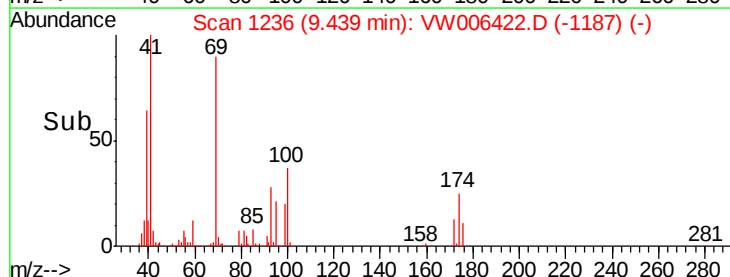
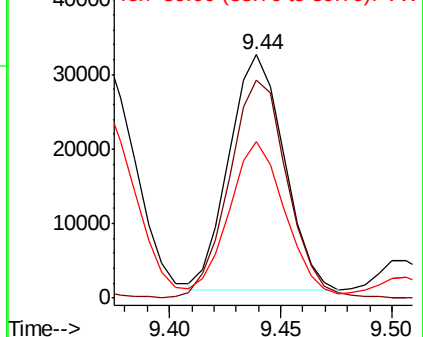
Lab File: VW006422.D

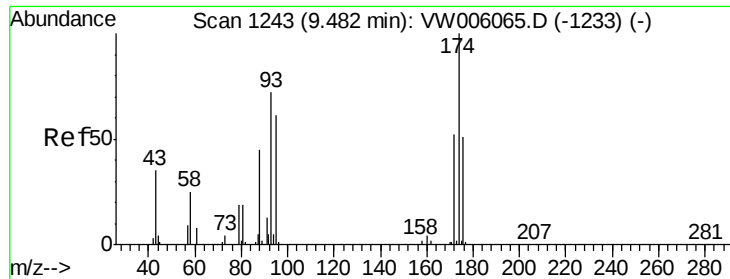
Acq: 27 Oct 2018 00:06

Tgt Ion:	41	Resp:	54209
Ion Ratio	Lower	Upper	
41	100		
69	98.2	71.8	107.8
39	68.5	52.5	78.7



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





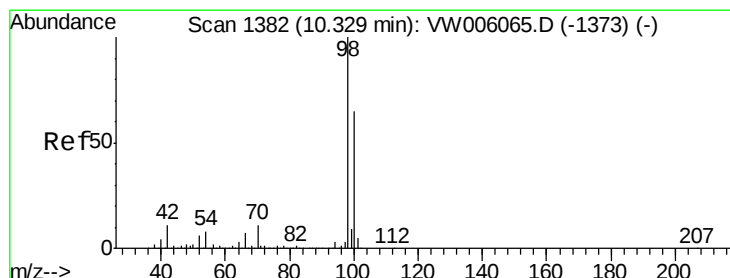
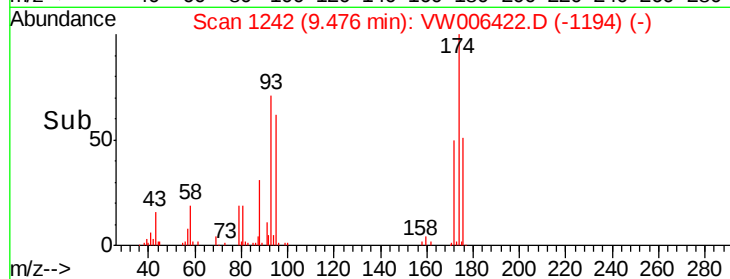
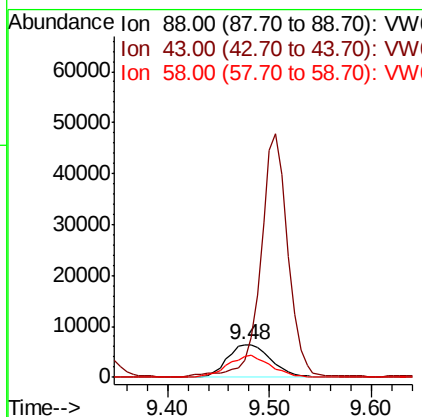
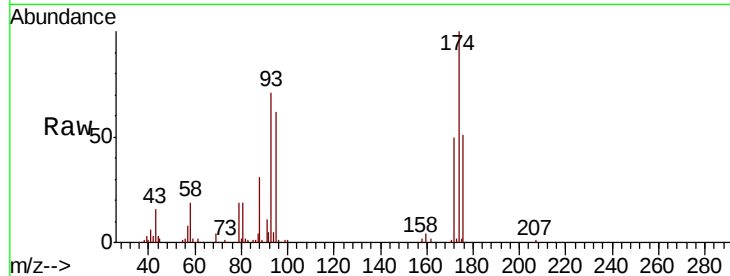
#49
1,4-Dioxane
Concen: 1215.792 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	19103
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	66.9	51.2	76.8

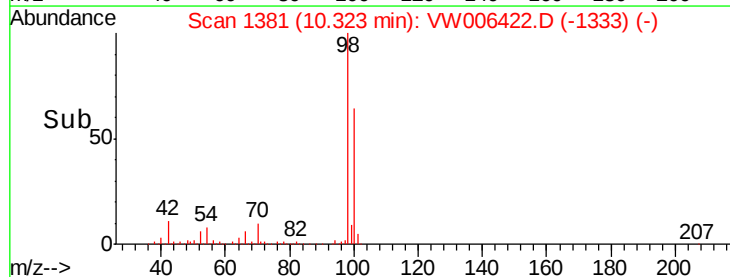
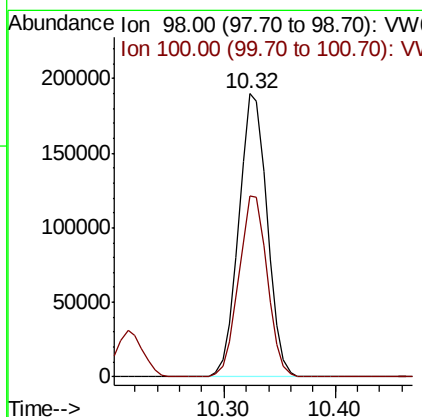
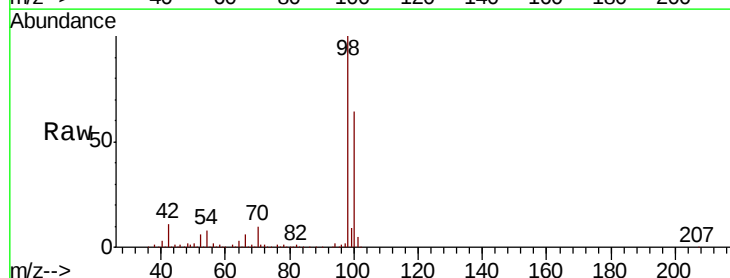
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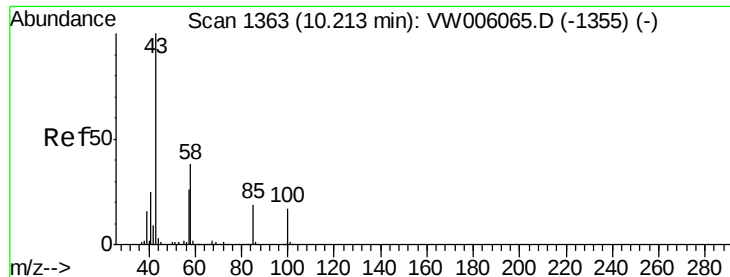
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#50
Toluene-d8
Concen: 50.374 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	98	Resp	335184
Ion Ratio	Lower	Upper	
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 282.419 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 293259

Ion Ratio Lower Upper

43 100

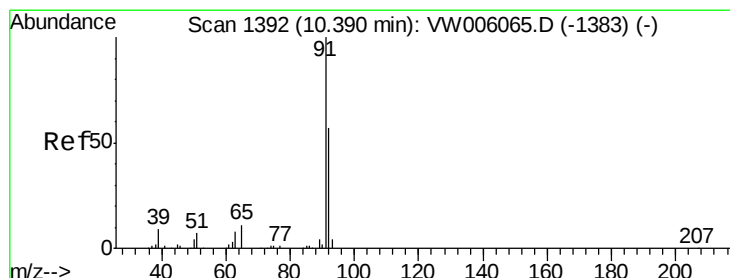
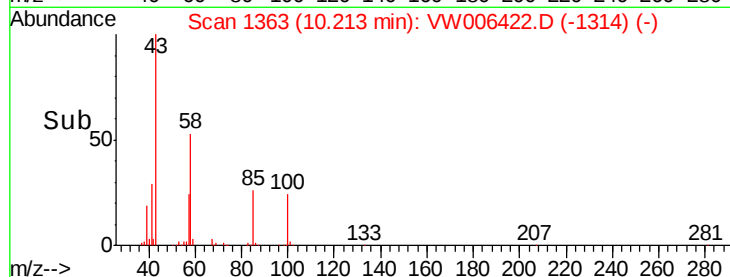
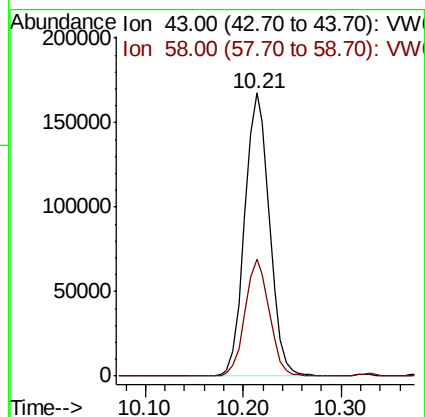
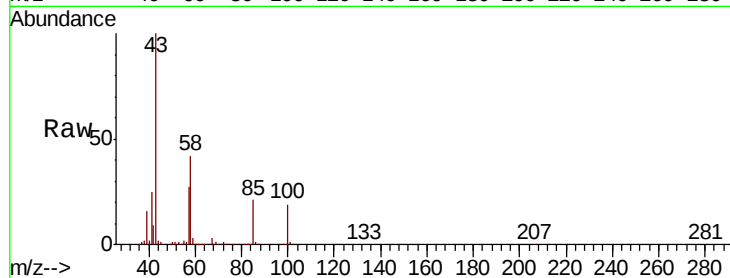
58 40.7 31.5 47.3

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#52

Toluene

Concen: 60.195 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006422.D

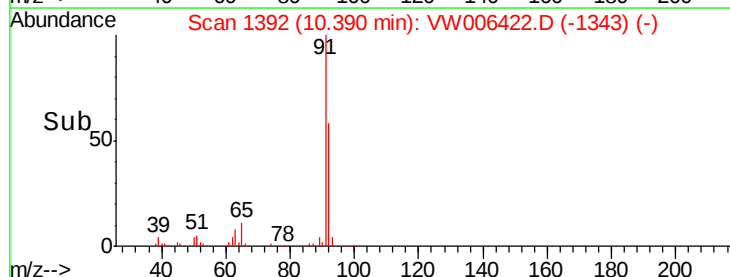
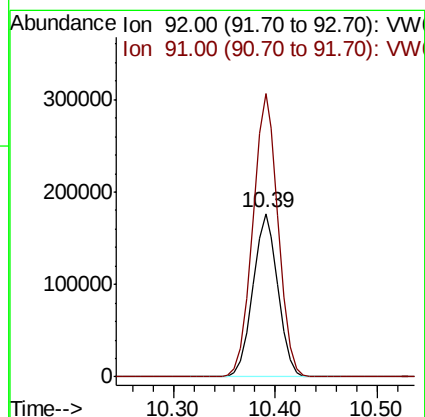
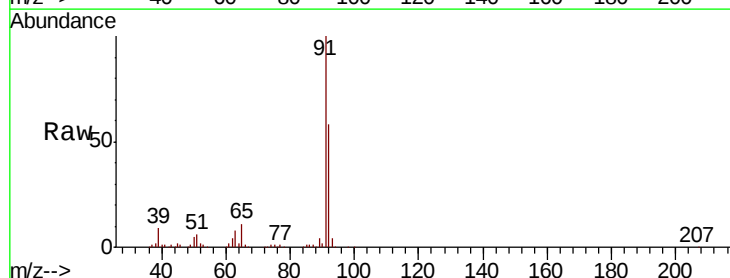
Acq: 27 Oct 2018 00:06

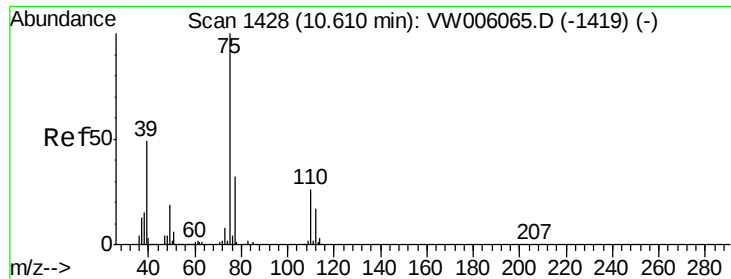
Tgt Ion: 92 Resp: 302006

Ion Ratio Lower Upper

92 100

91 174.8 140.0 210.0





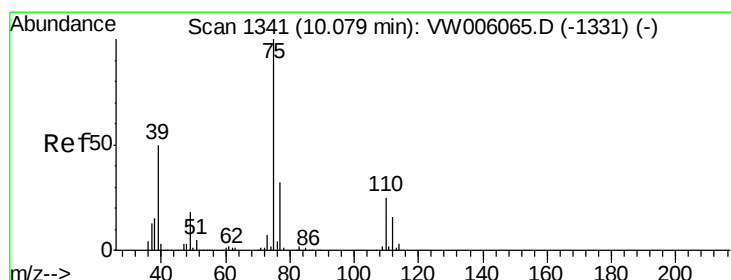
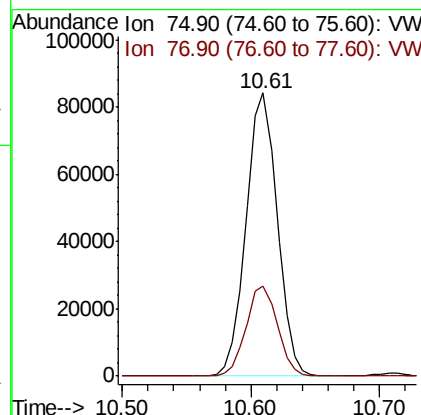
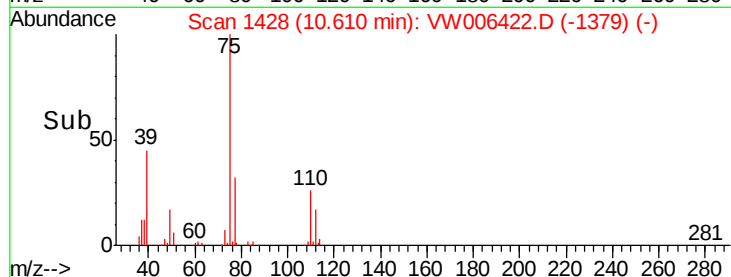
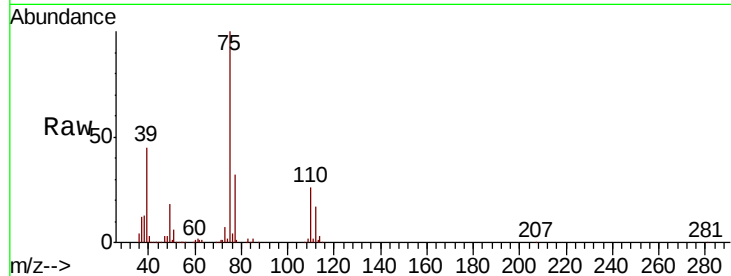
#53
t-1,3-Dichloropropene
Concen: 57.056 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 140666
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

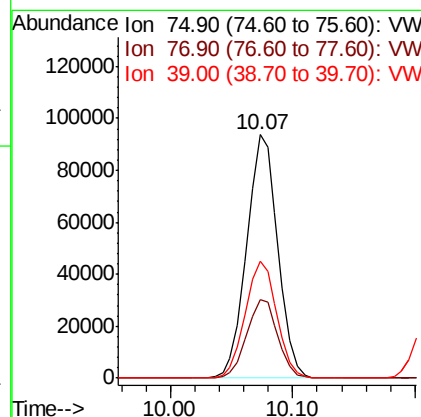
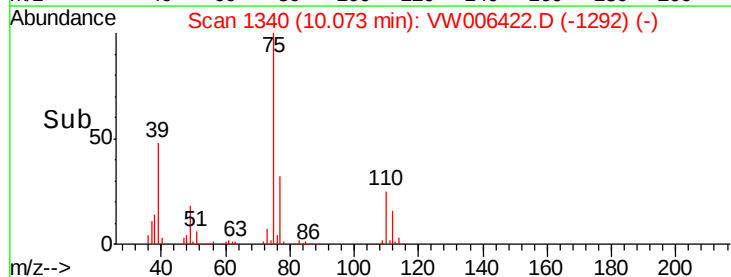
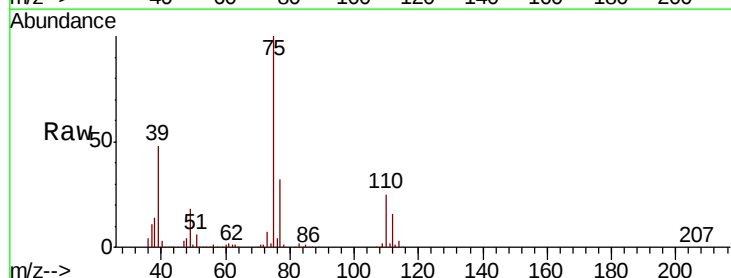
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#54
cis-1,3-Dichloropropene
Concen: 58.292 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion: 75 Resp: 164939
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 48.0 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 62.080 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

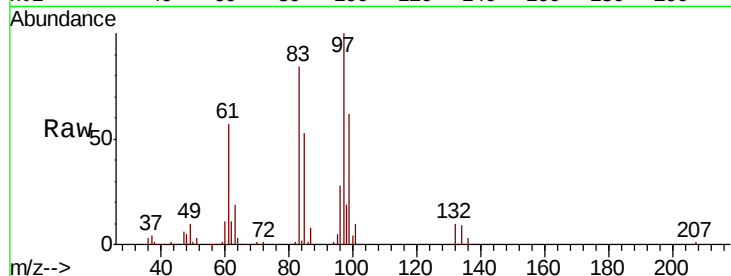
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	88668
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.2	100.8
85	53.1	43.7	65.5
99	61.7	48.5	72.7

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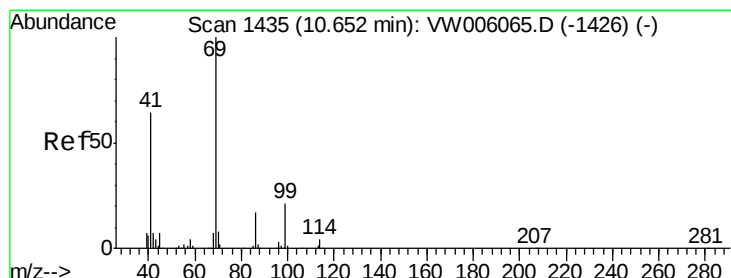
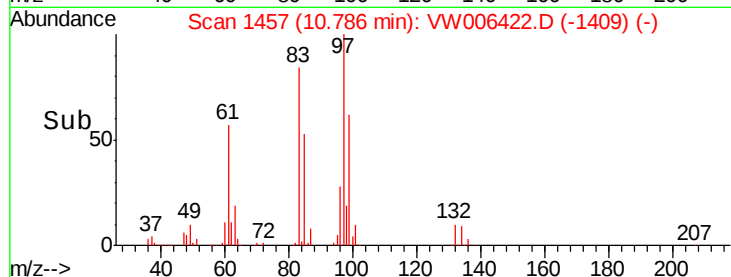
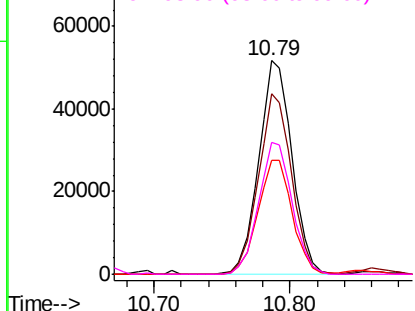
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 59.031 ug/l

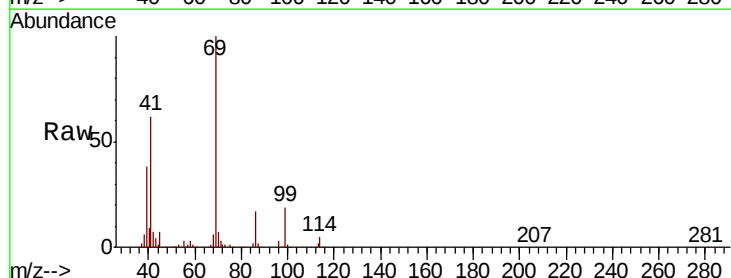
RT: 10.65 min Scan# 1434

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Tgt Ion:	69	Resp:	103361
Ion	Ratio	Lower	Upper
69	100		
41	61.3	52.8	79.2
39	37.1	30.6	45.8

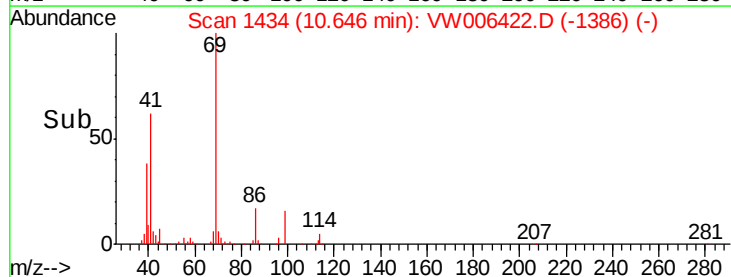
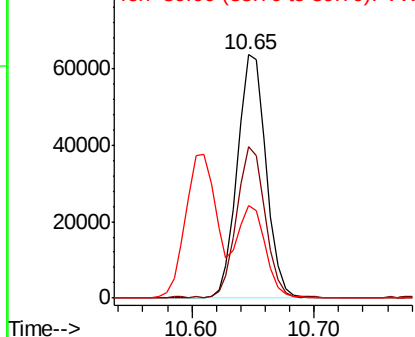


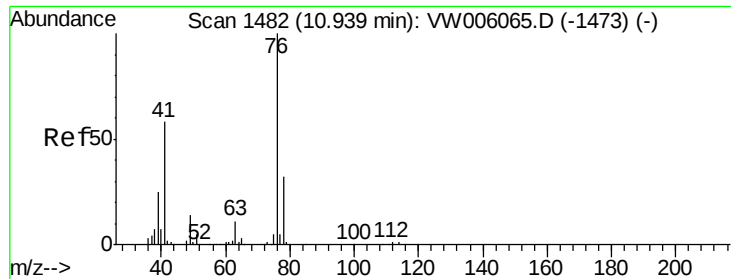
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





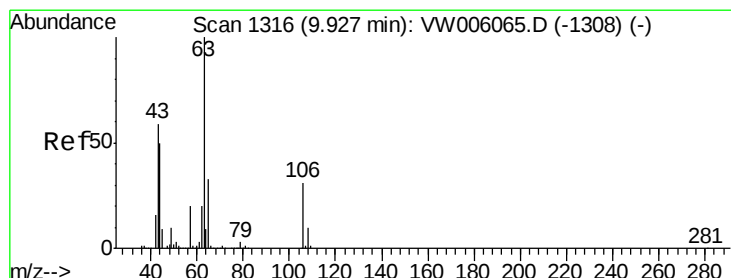
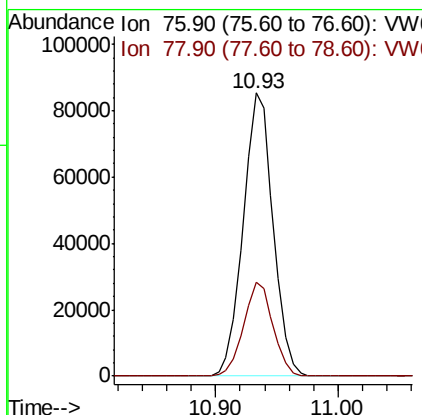
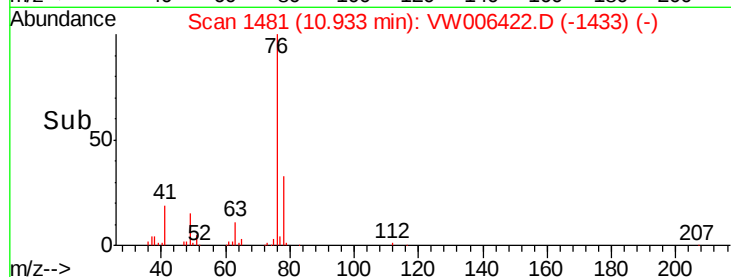
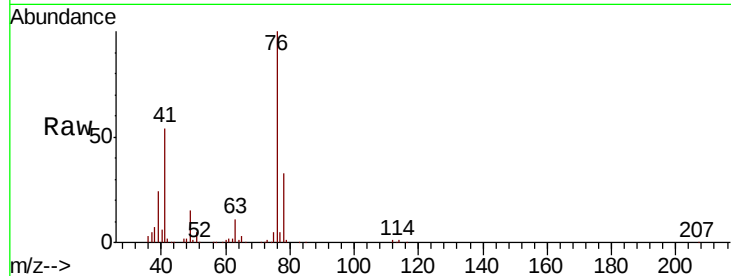
#57
 1,3-Dichloropropane
 Concen: 61.098 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 144458
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9

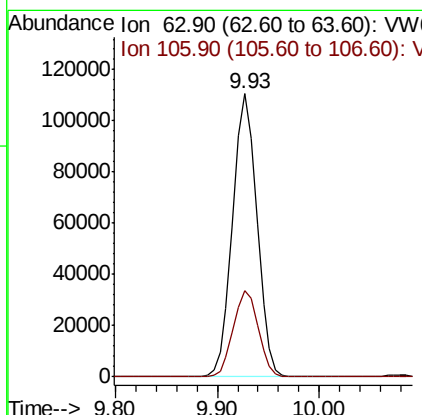
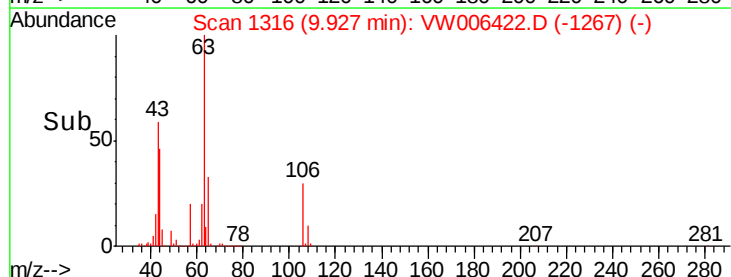
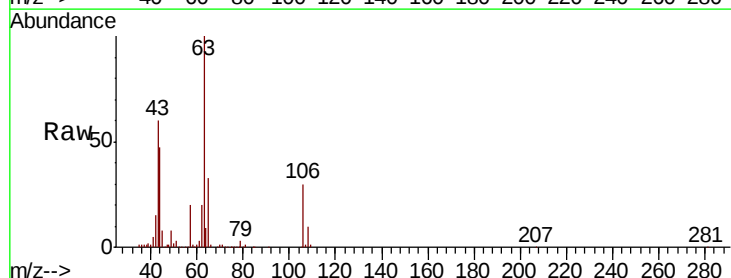
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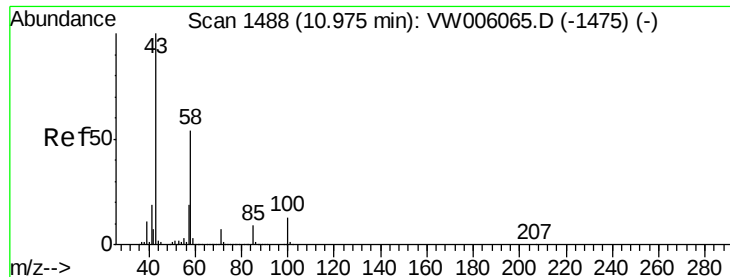
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#58
 2-Chloroethyl Vinyl ether
 Concen: 273.453 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion: 63 Resp: 182955
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.5 36.7





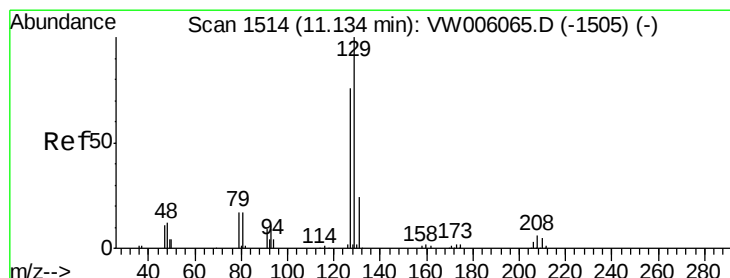
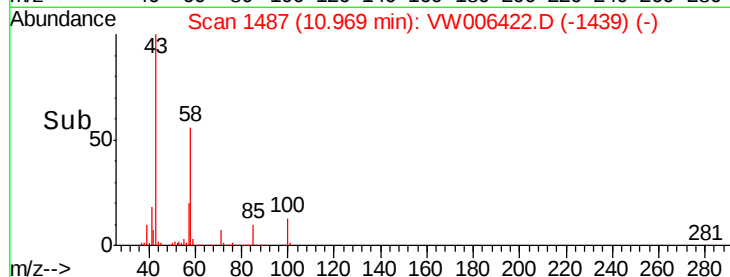
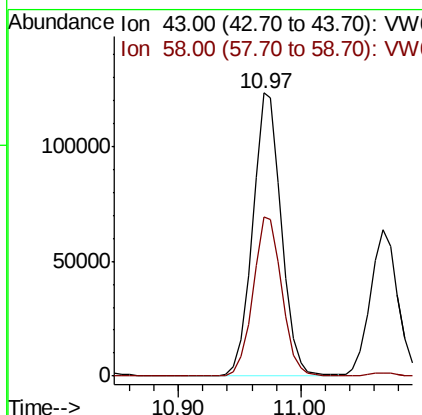
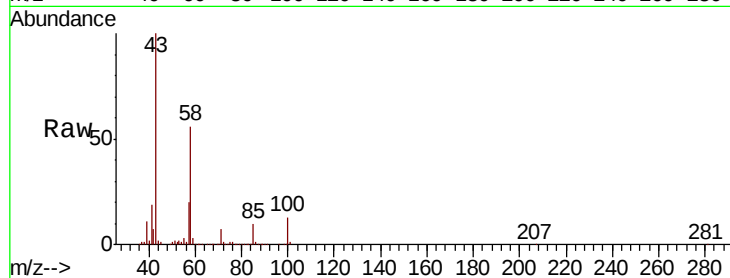
#59
2-Hexanone
Concen: 271.705 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.4	26.9	80.6

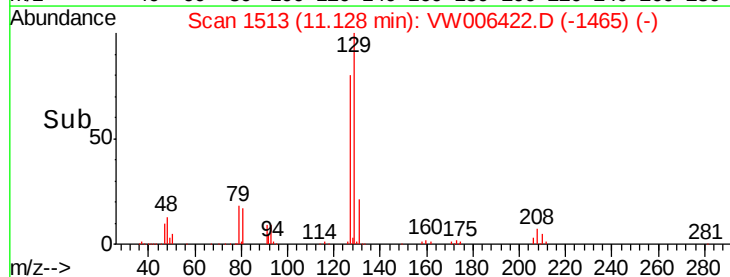
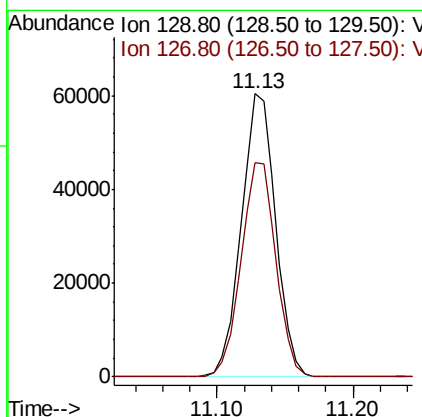
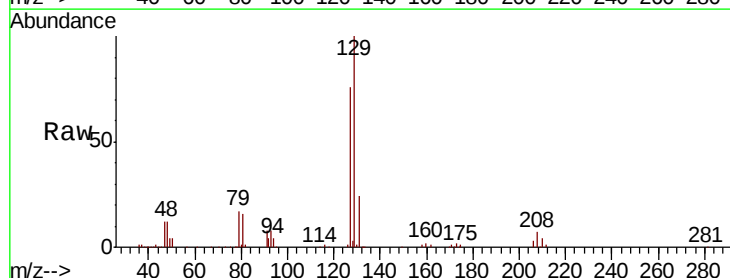
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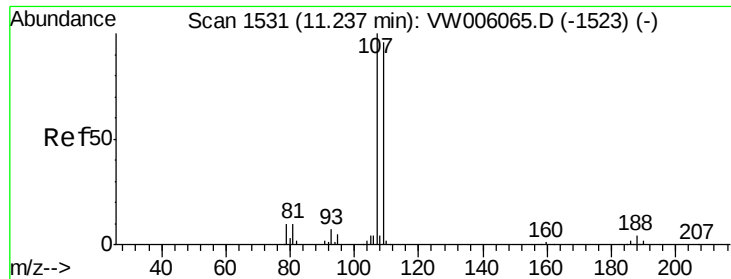
apatel
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#60
Dibromochloromethane
Concen: 59.792 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.6	115.7





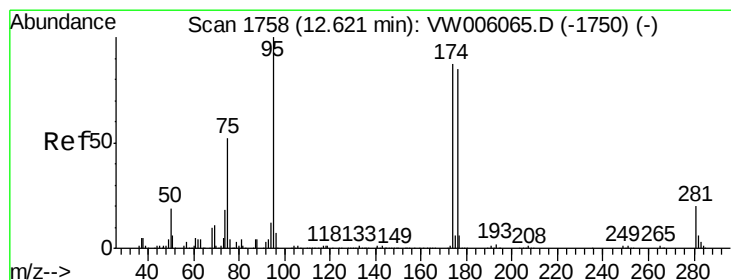
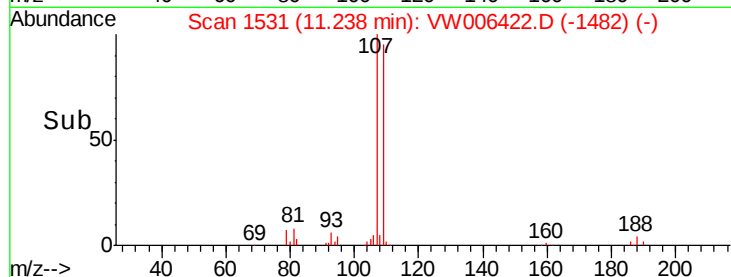
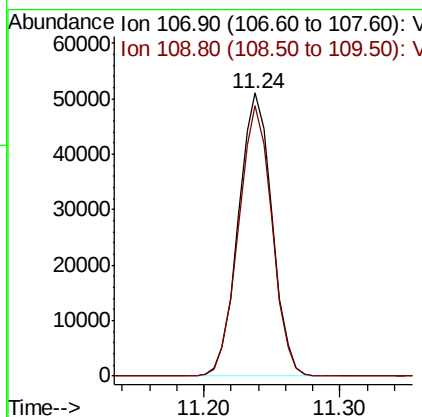
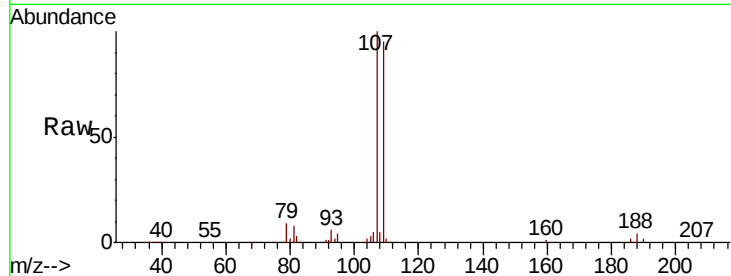
#61
 1,2-Dibromoethane
 Concen: 61.704 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	76.3	114.5

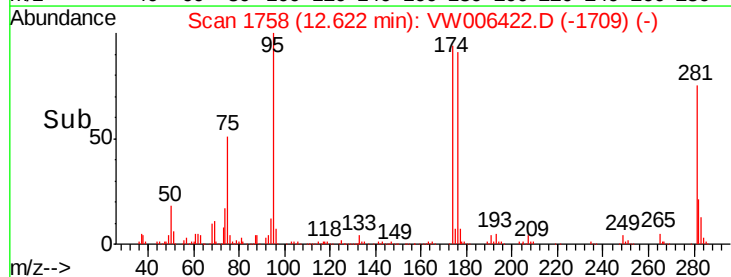
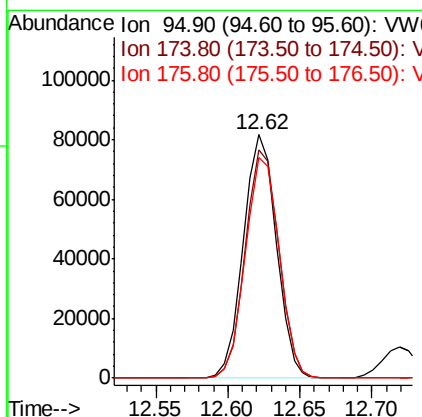
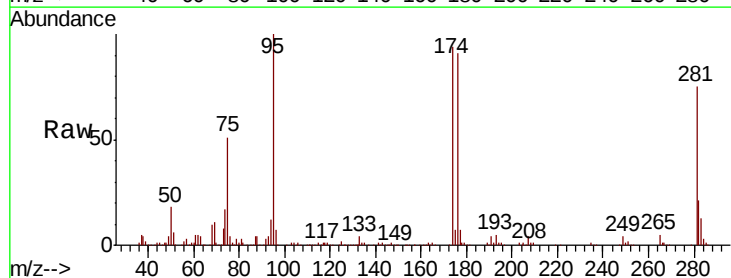
Manual Integrations
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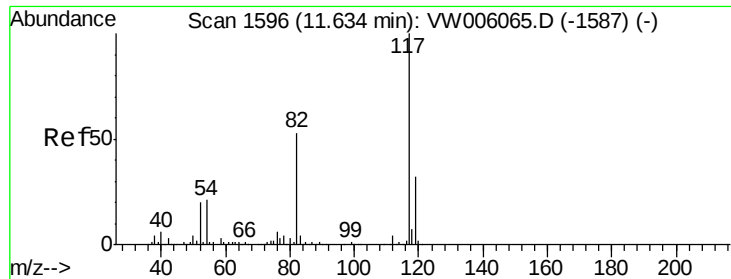
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#62
 4-Bromofluorobenzene
 Concen: 51.899 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	186.0
176	92.9	0.0	181.6





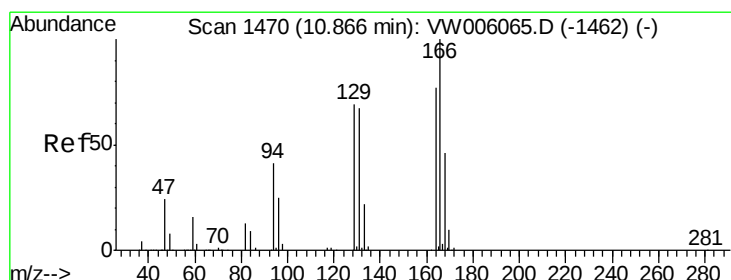
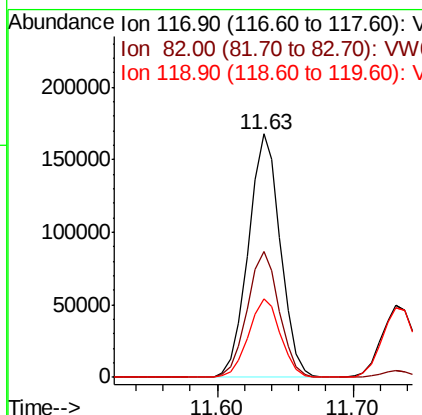
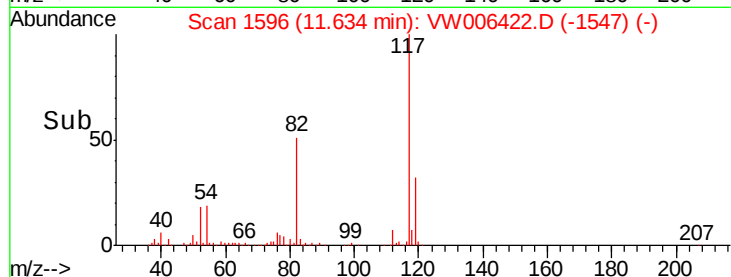
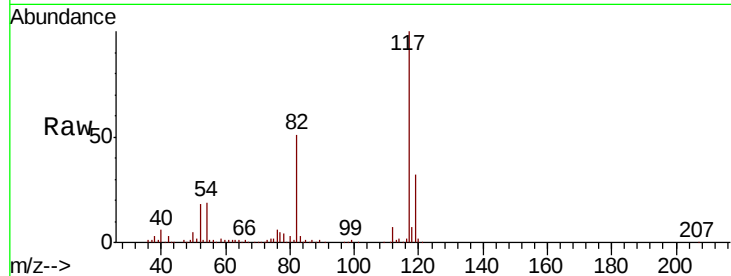
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	275900		
82	51.5		42.1	63.1
119	32.0		25.8	38.6

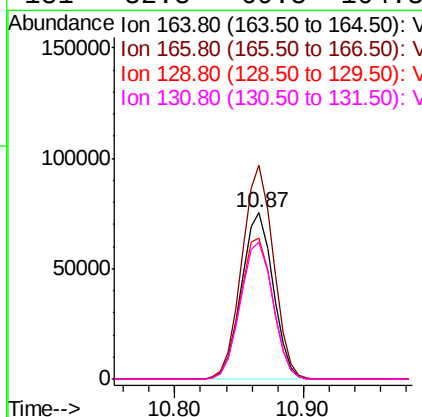
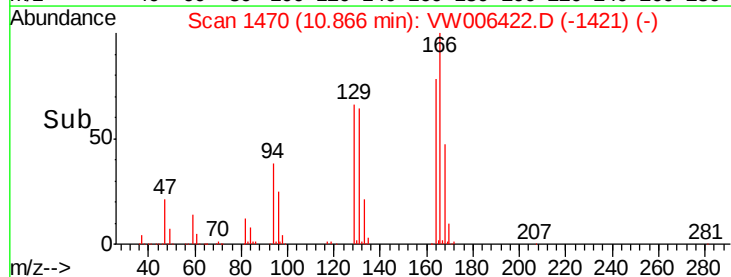
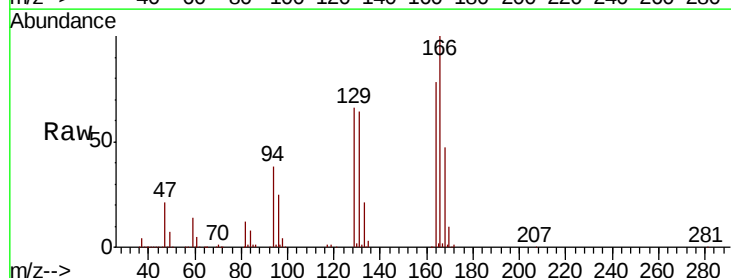
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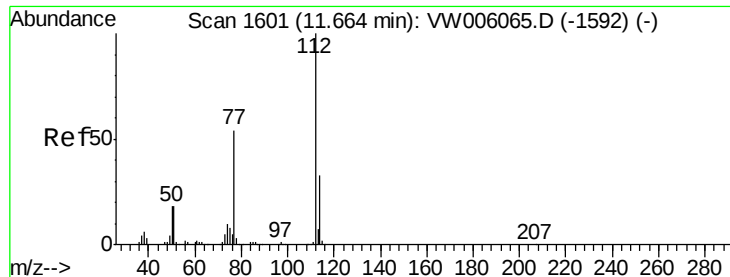
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#64
Tetrachloroethene
Concen: 59.792 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128065		
166	128.6		103.4	155.0
129	85.0		71.8	107.8
131	82.8		69.5	104.3





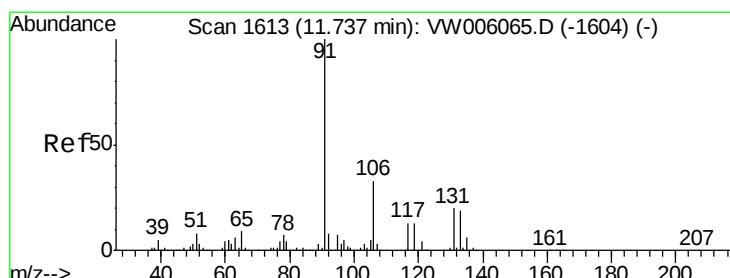
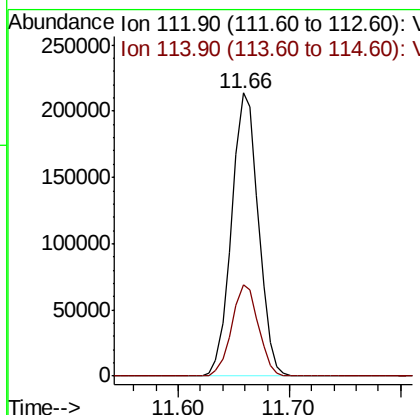
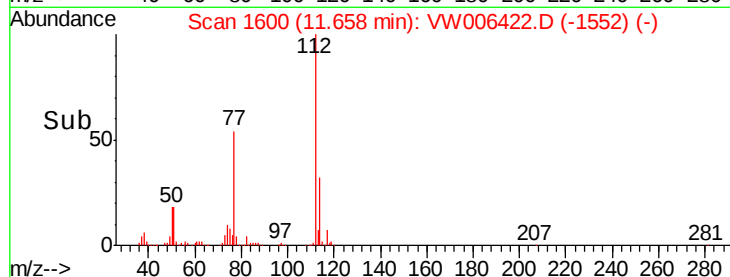
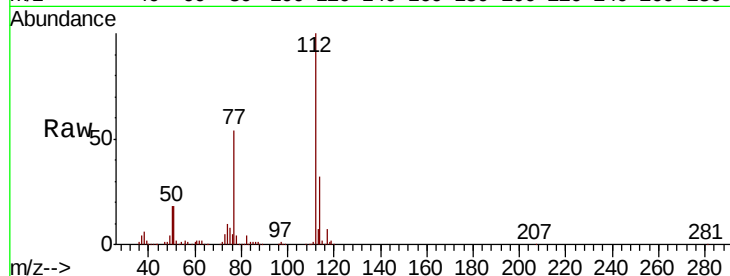
#65
Chlorobenzene
Concen: 60.173 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 355395
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

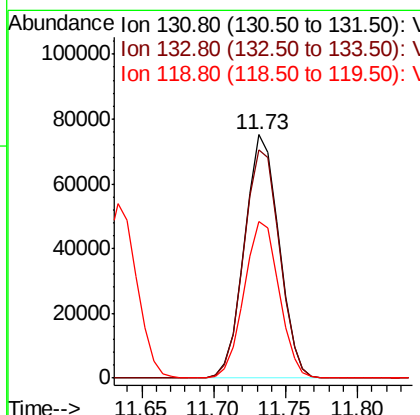
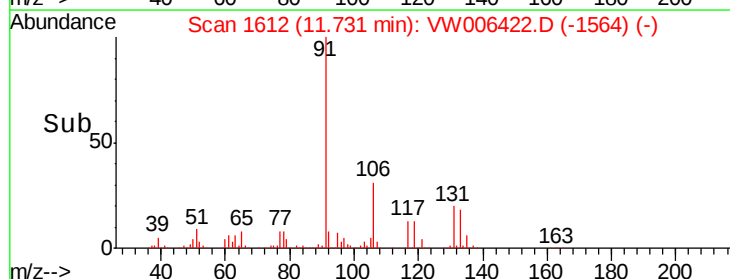
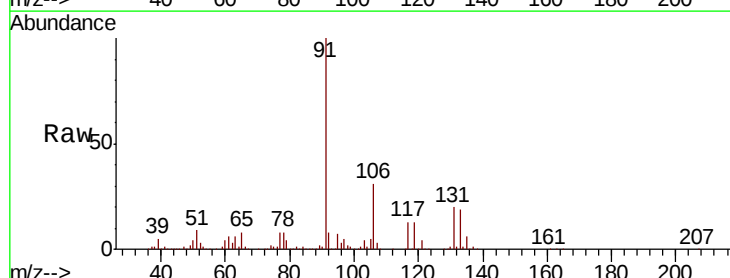
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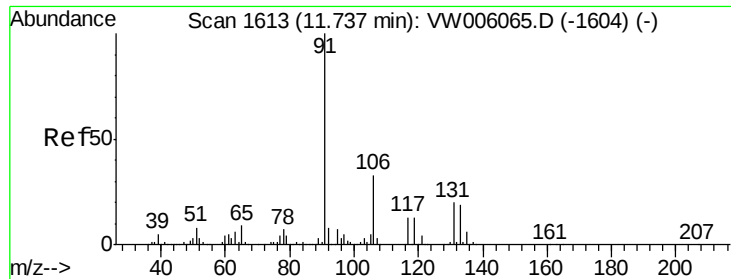
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#66
1,1,1,2-Tetrachloroethane
Concen: 59.350 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion:131 Resp: 124573
Ion Ratio Lower Upper
131 100
133 97.3 48.1 144.3
119 65.1 31.6 94.7





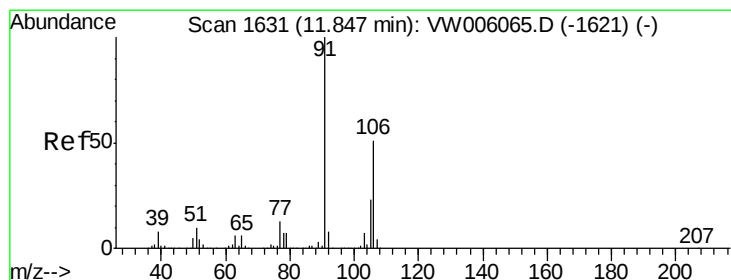
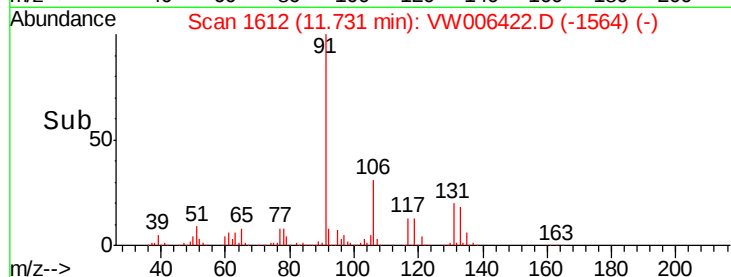
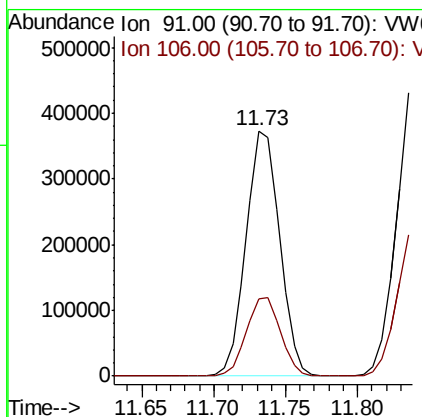
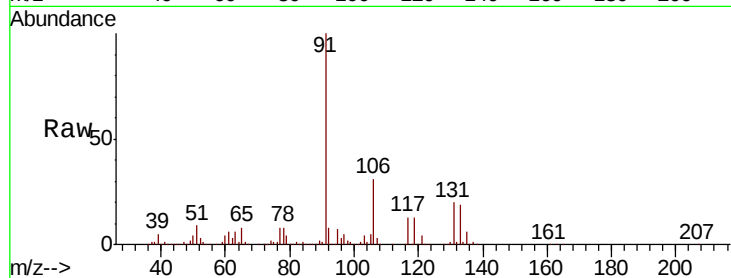
#67
Ethyl Benzene
Concen: 58.942 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 603310
Ion Ratio Lower Upper
91 100
106 31.5 26.1 39.1

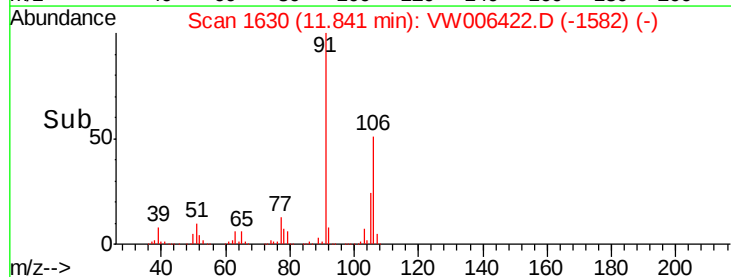
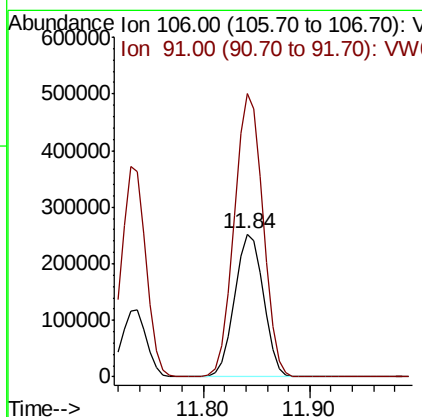
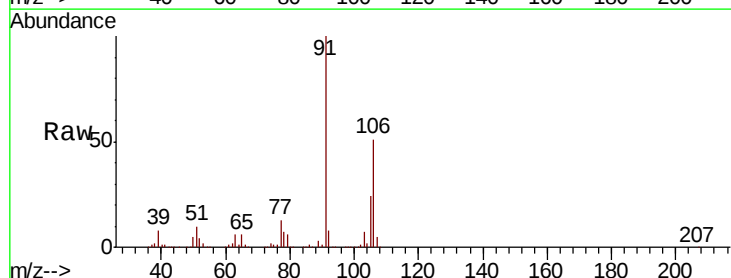
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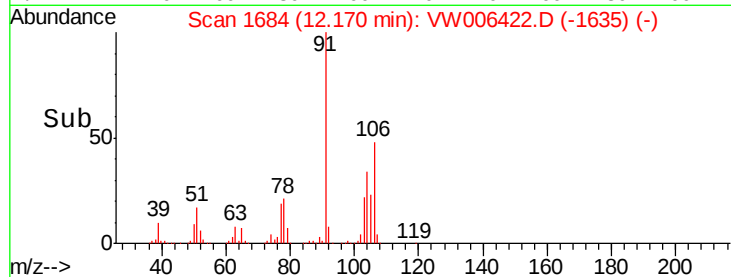
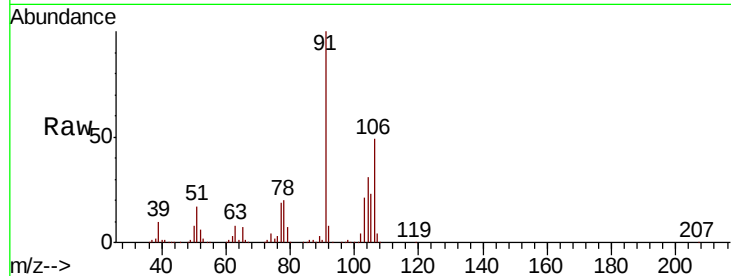
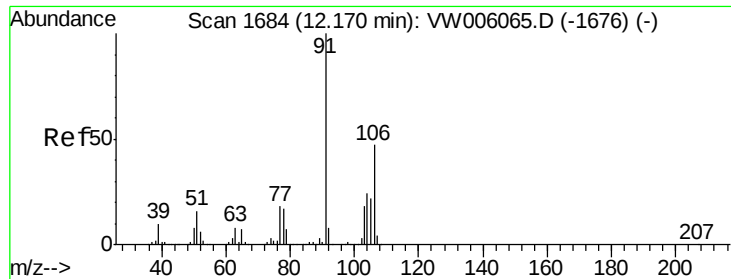
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#68
m/p-Xylenes
Concen: 119.058 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion: 106 Resp: 481669
Ion Ratio Lower Upper
106 100
91 197.2 159.1 238.7





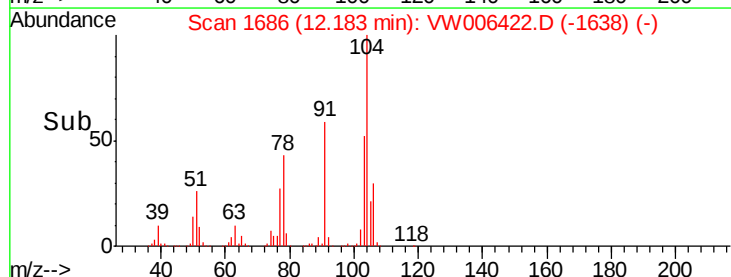
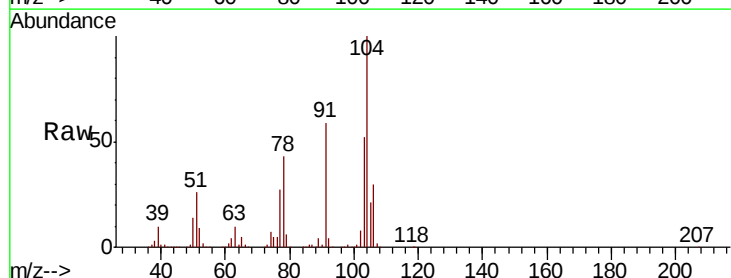
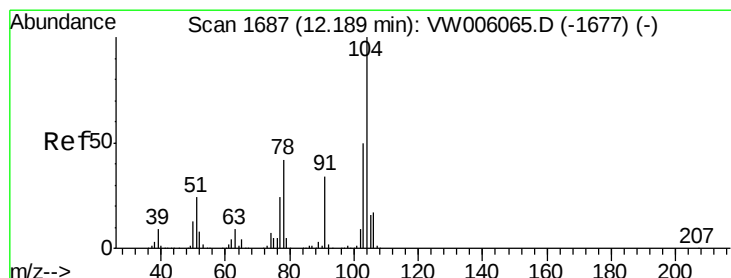
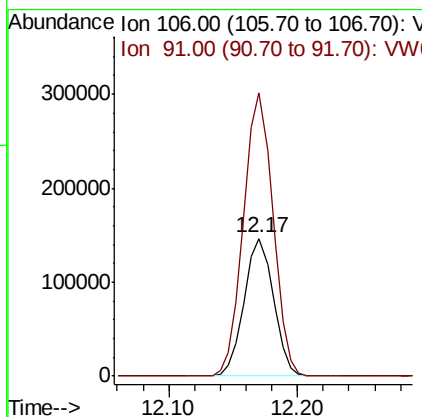
#69
o-Xylene
Concen: 59.914 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	231005		
91	91	206.7	105.4	316.1	

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

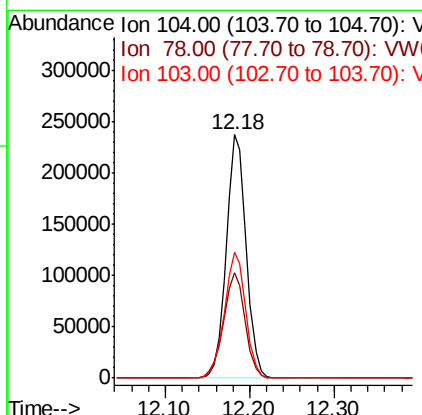
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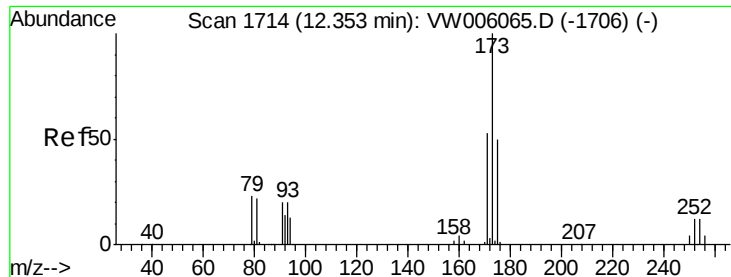
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#70
Styrene
Concen: 60.937 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	382065		
78	78	47.2	39.1	58.7	
103	103	55.3	44.3	66.5	





#71

Bromoform

Concen: 56.357 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 65979

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

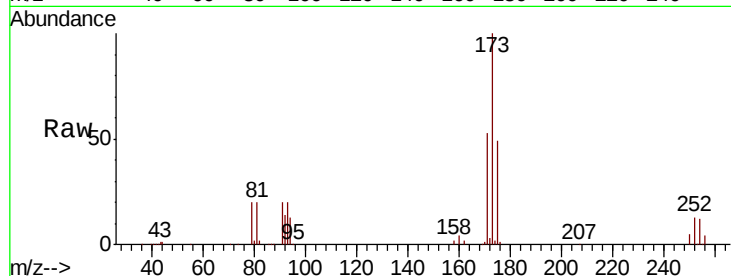
254 0.1 0.1 0.1#

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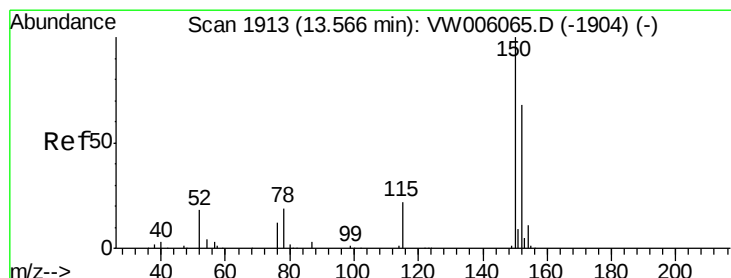
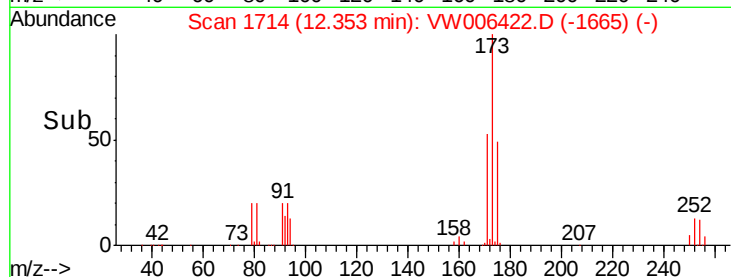
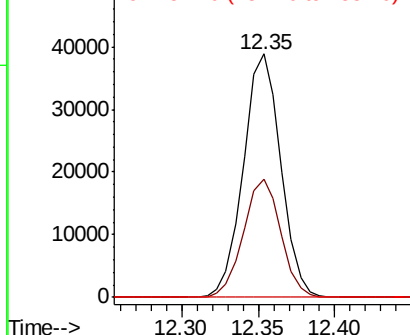
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

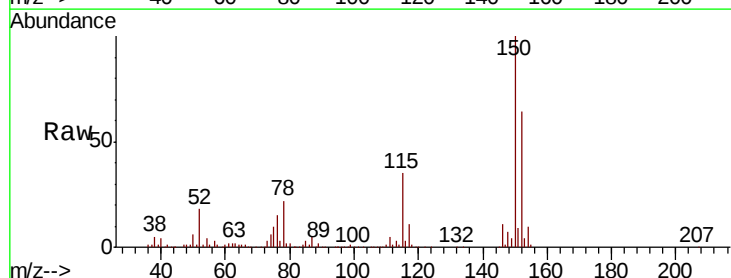
Tgt Ion:152 Resp: 159341

Ion Ratio Lower Upper

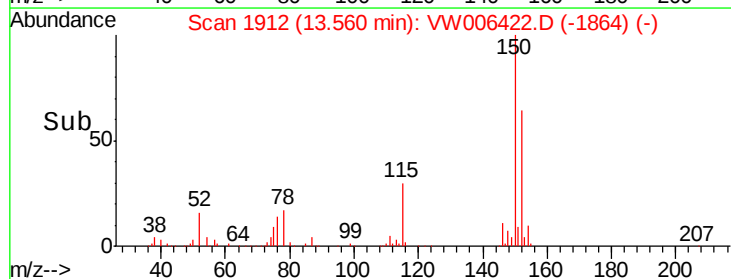
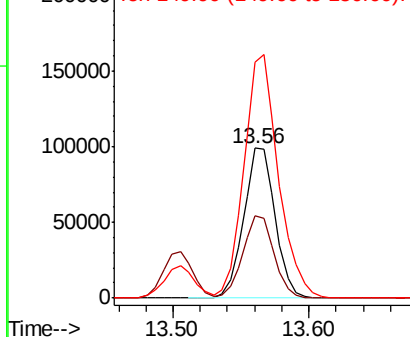
152 100

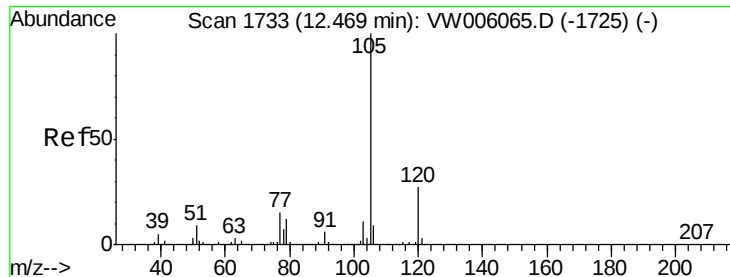
115 54.4 27.8 83.3

150 177.7 0.0 349.2



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: 56.804 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 639445

Ion Ratio Lower Upper

105 100

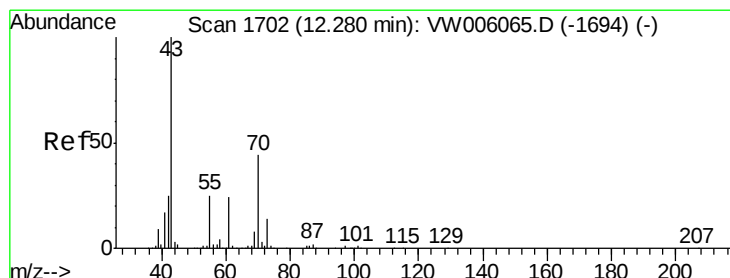
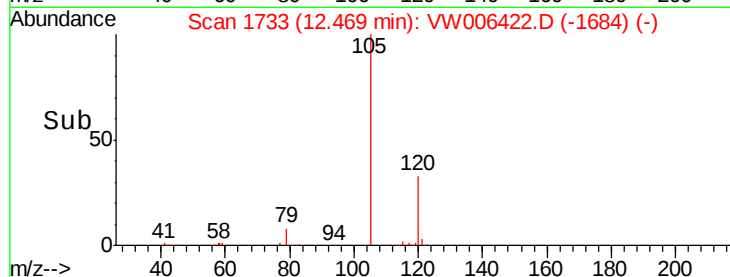
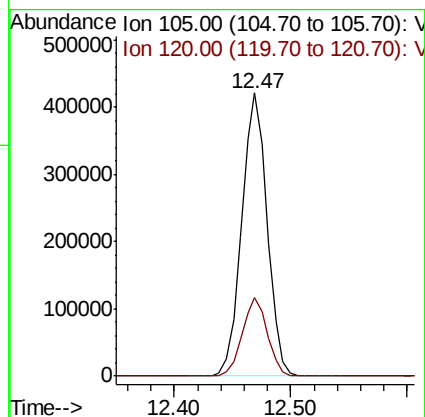
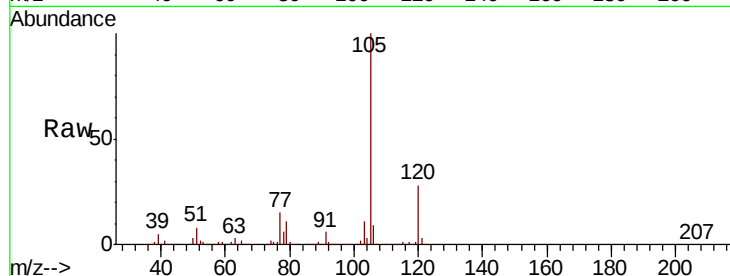
120 27.4 13.6 40.7

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#74

N-ethyl acetate

Concen: 52.421 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Tgt Ion: 43 Resp: 114614

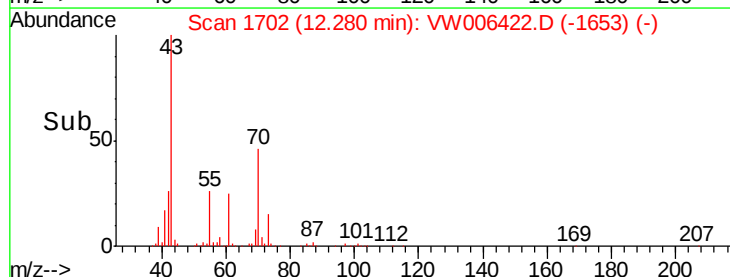
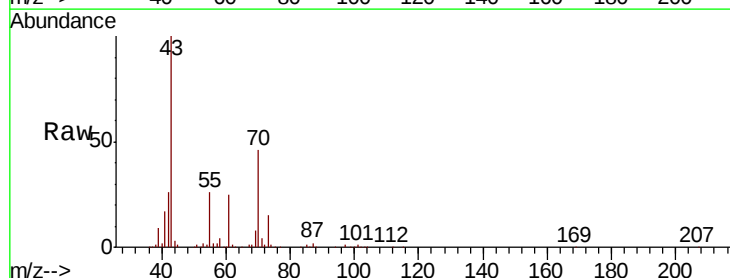
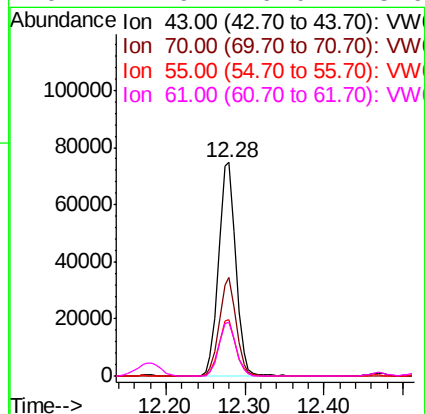
Ion Ratio Lower Upper

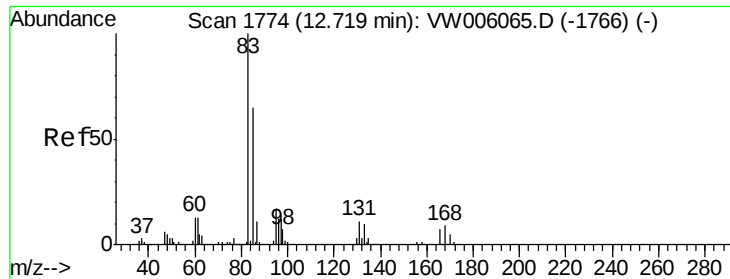
43 100

70 45.1 34.2 51.4

55 26.0 19.2 28.8

61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 59.299 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

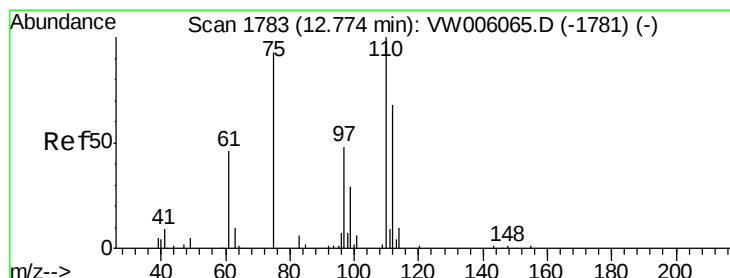
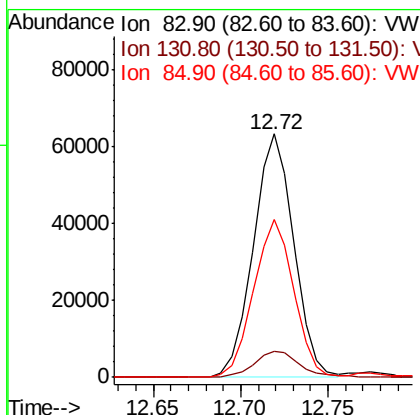
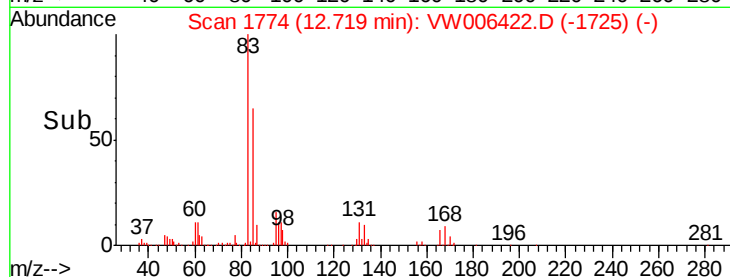
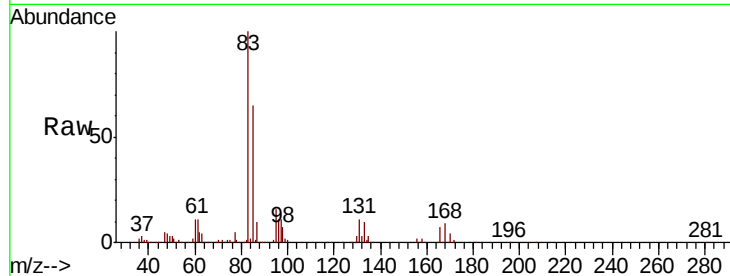
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	101528
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.7
85	64.2	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 63.305 ug/l m

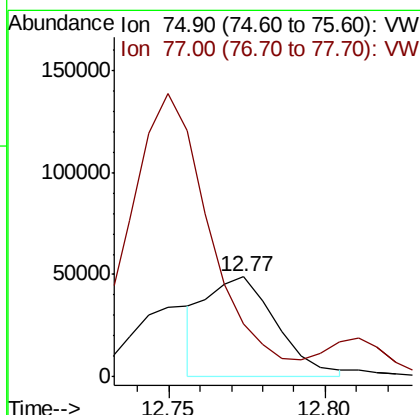
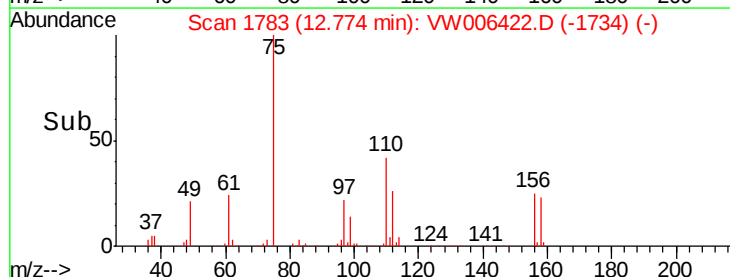
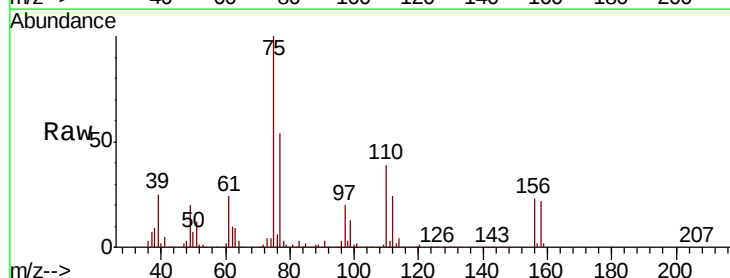
RT: 12.77 min Scan# 1783

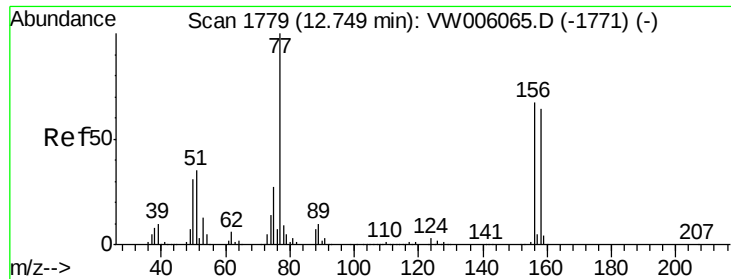
Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Tgt Ion:	75	Resp:	77046
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 59.119 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

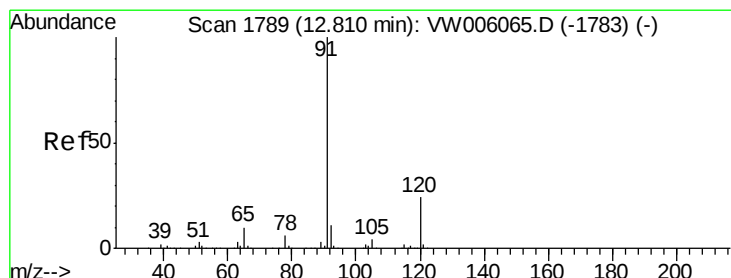
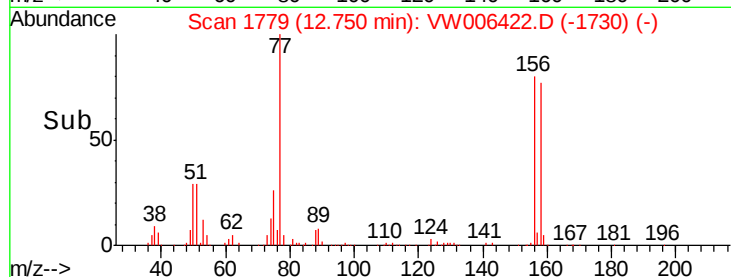
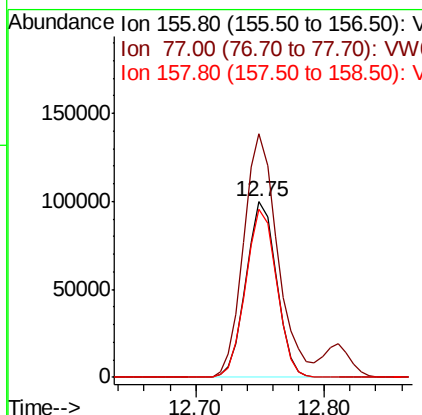
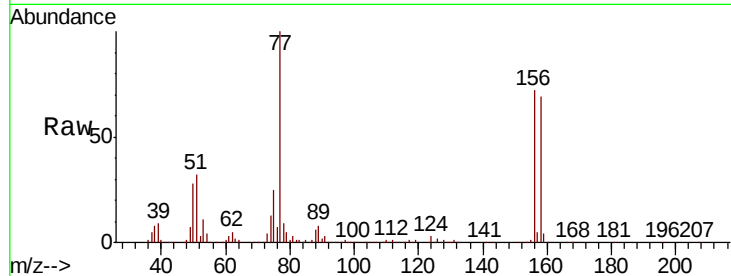
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		163004		
77	155.3	79.1	237.4		
158	97.0	48.5	145.6		

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#78

n-propylbenzene

Concen: 56.910 ug/l

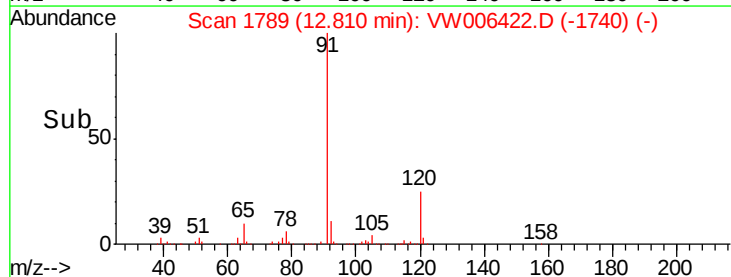
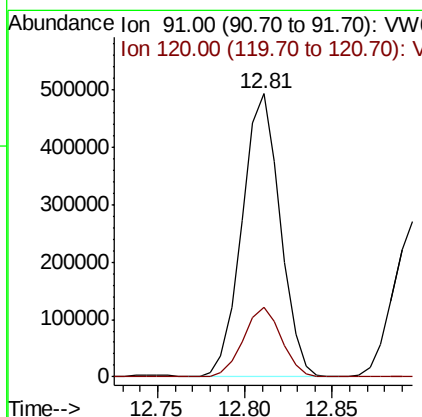
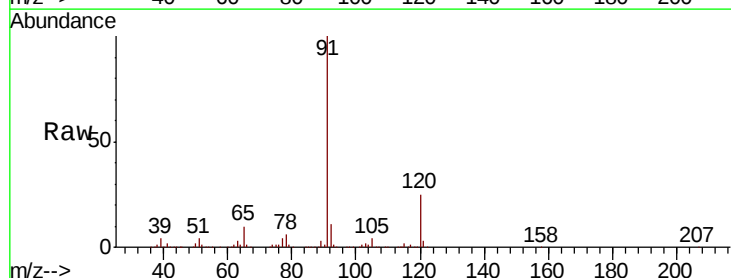
RT: 12.81 min Scan# 1789

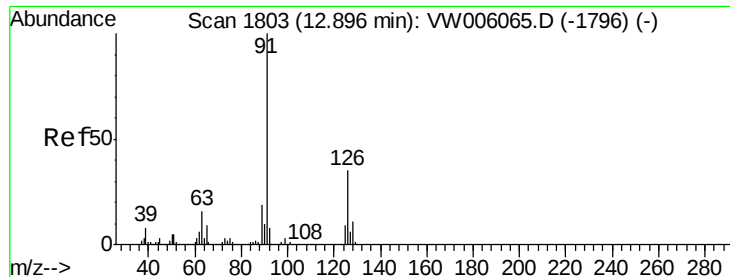
Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		745321		
120	24.5	12.2	36.6		





#79

2-Chlorotoluene

Concen: 57.502 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 423120

Ion Ratio Lower Upper

91 100

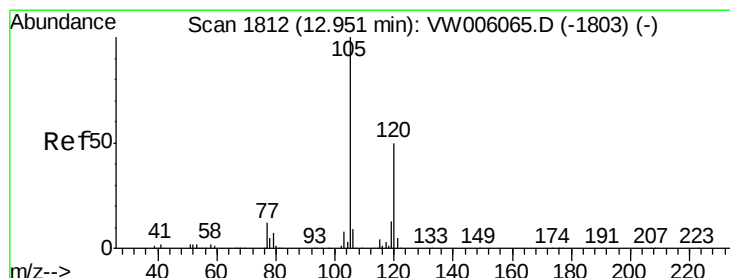
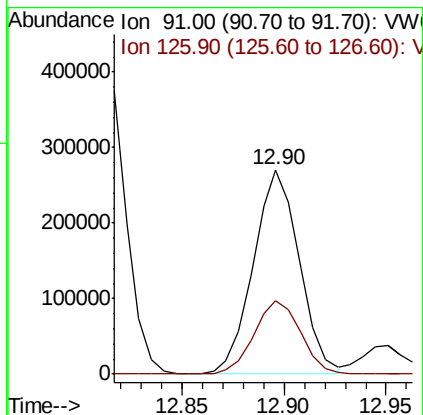
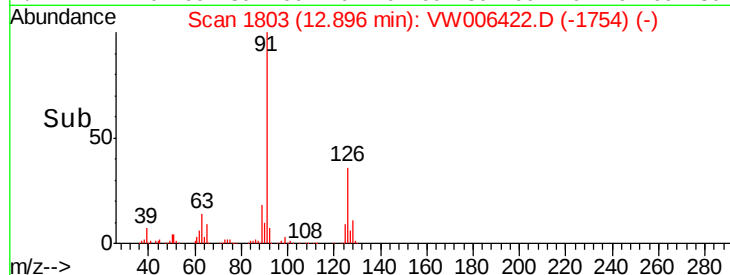
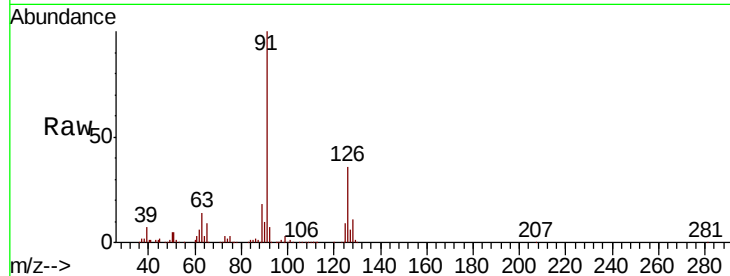
126 36.7 17.9 53.8

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#80

1,3,5-Trimethylbenzene

Concen: 57.647 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006422.D

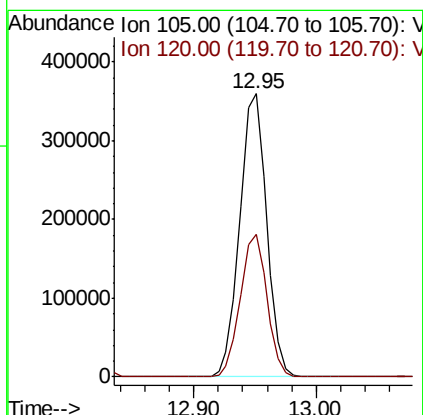
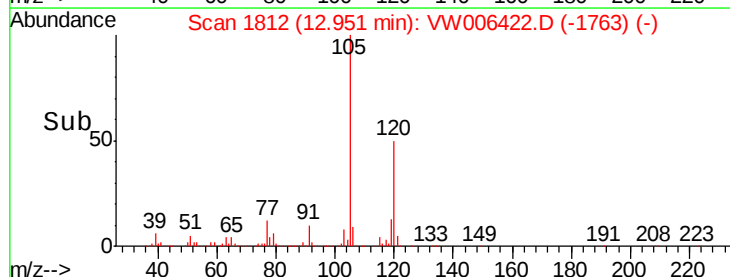
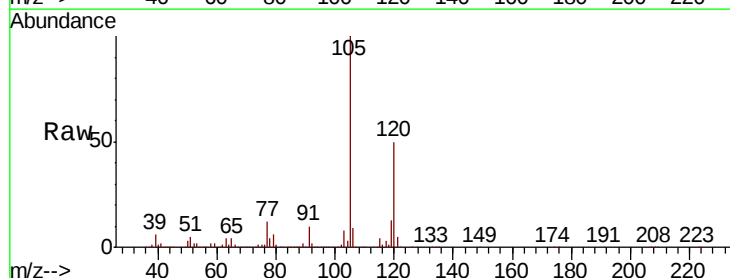
Acq: 27 Oct 2018 00:06

Tgt Ion: 105 Resp: 547061

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6





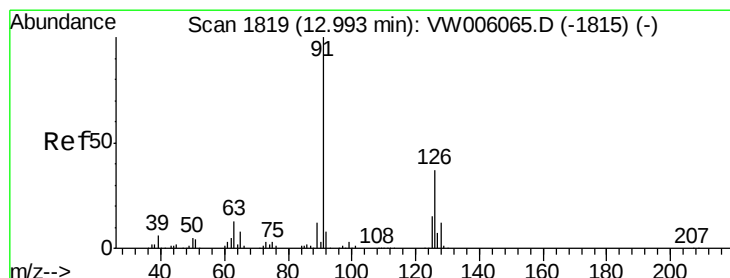
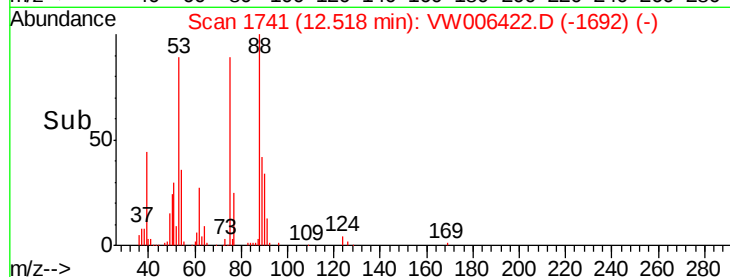
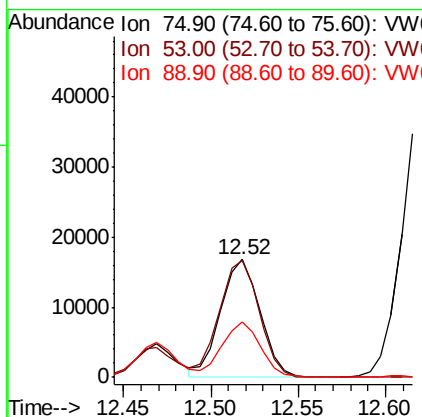
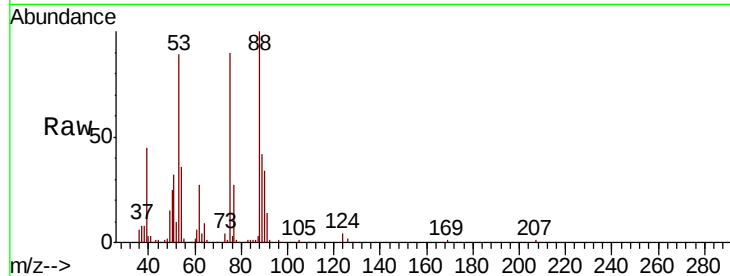
#81
trans-1,4-Dichloro-2-butene
Concen: 51.970 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.8	79.8	119.6
89	45.1	37.5	56.3

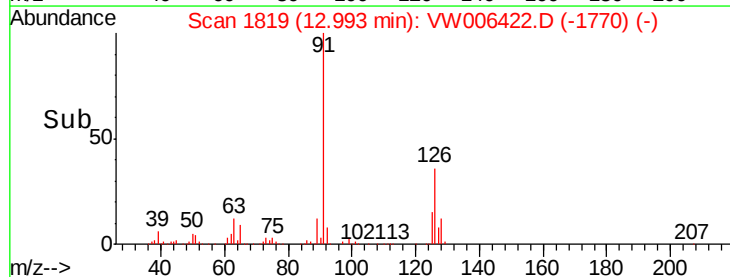
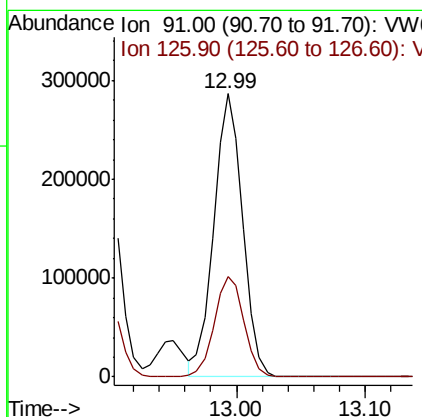
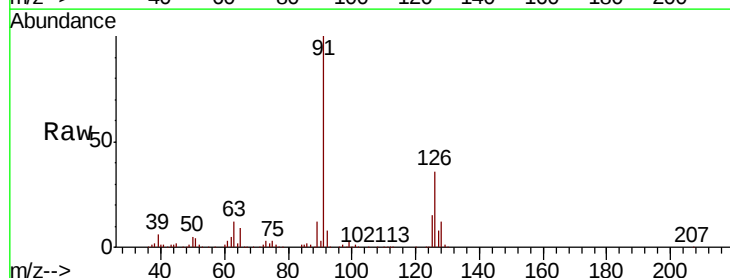
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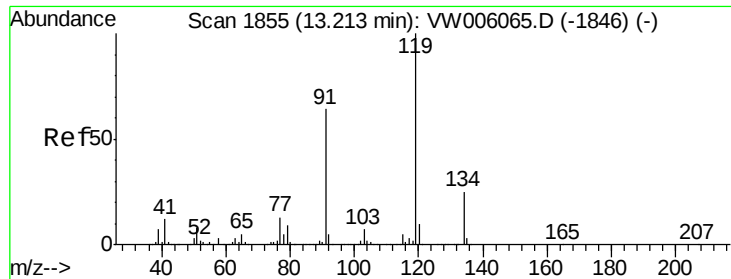
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#82
4-Chlorotoluene
Concen: 58.267 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.1	54.3





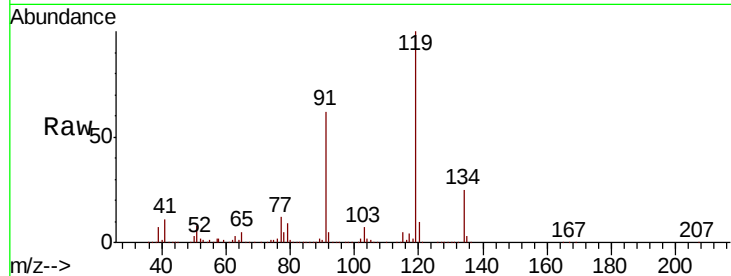
#83
tert-Butylbenzene
Concen: 57.152 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

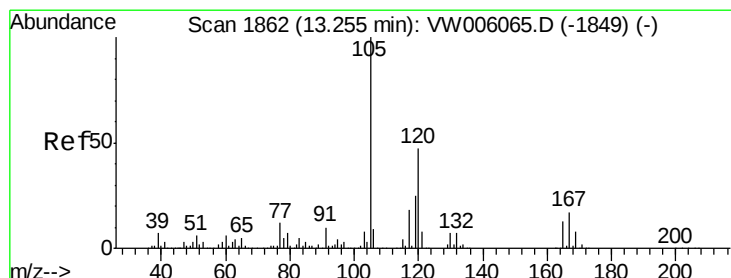
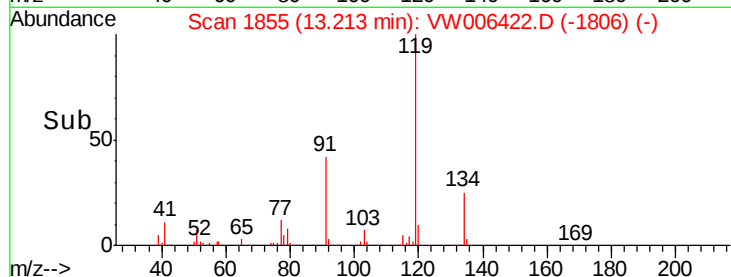
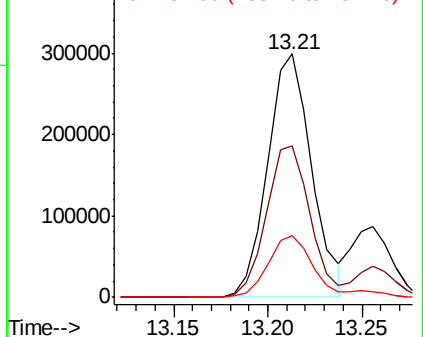
Tot Ion	Ratio	Resp	Lower	Upper
119	100	485257		
91	61.6	32.3	96.9	
134	27.2	13.6	40.8	

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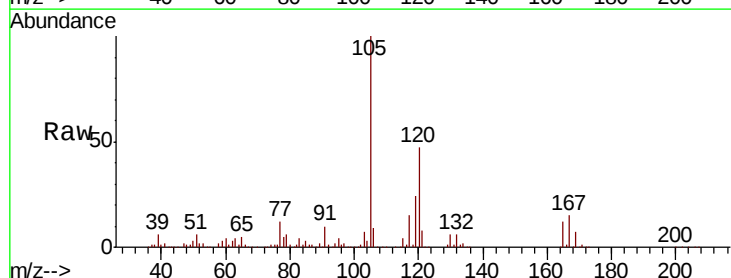


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

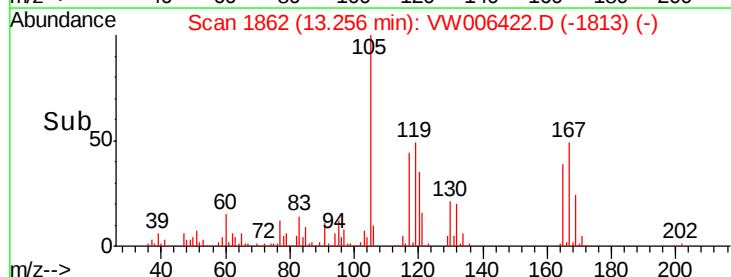
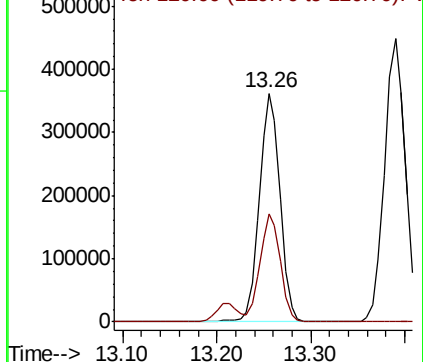


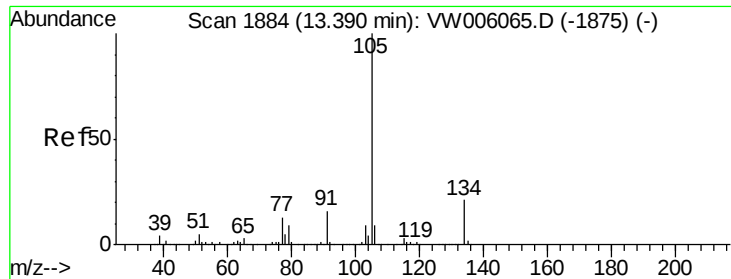
#84
1,2,4-Trimethylbenzene
Concen: 58.369 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	560508		
120	46.0	23.1	69.3	



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





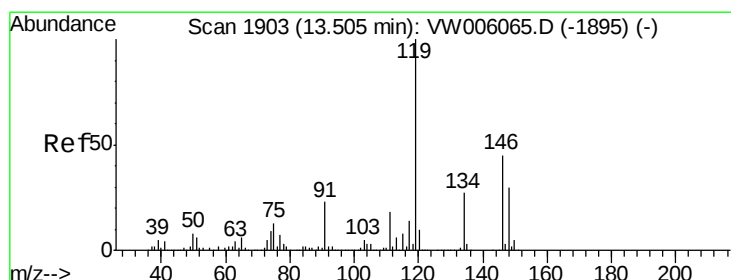
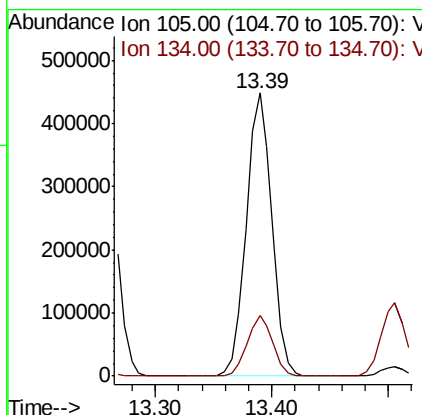
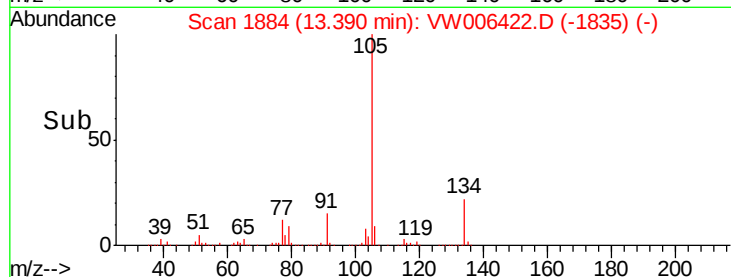
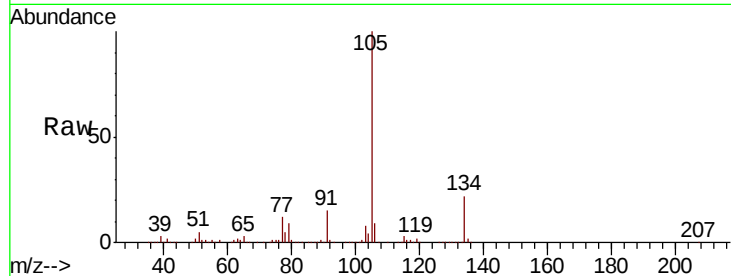
#85
 sec-Butylbenzene
 Concen: 57.134 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.5	31.6

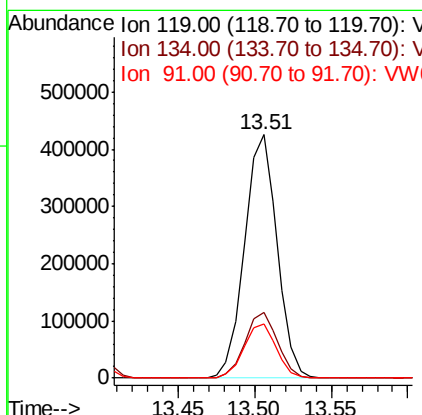
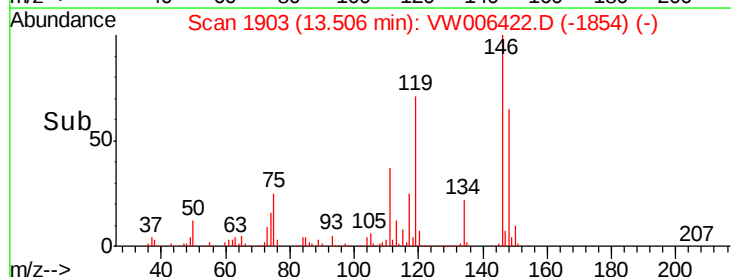
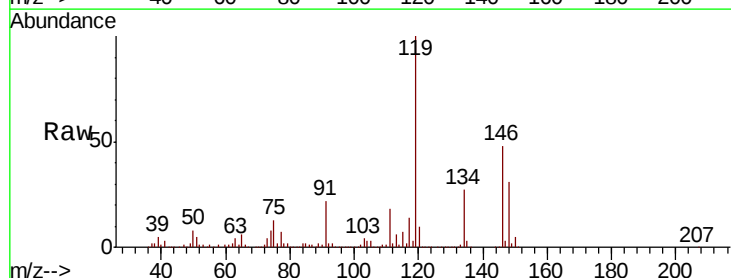
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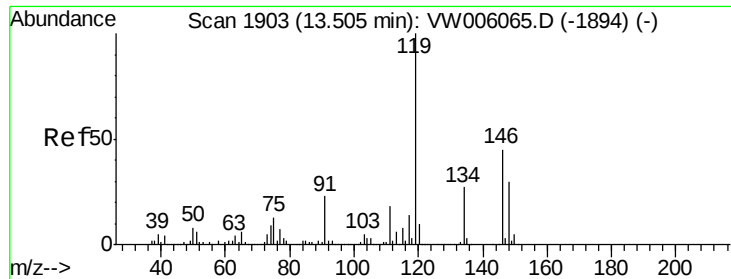
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#86
 p-Isopropyltoluene
 Concen: 57.736 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.4	40.2
91	22.1	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 59.309 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

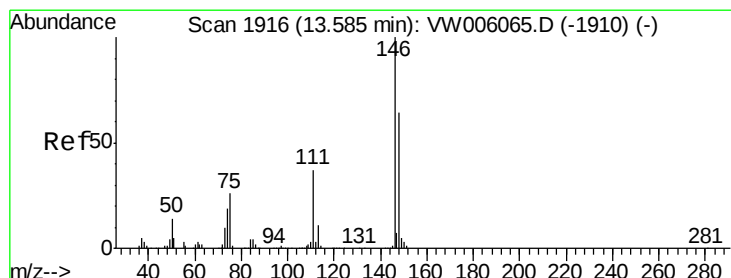
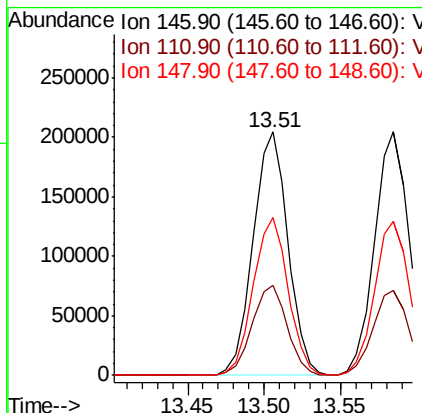
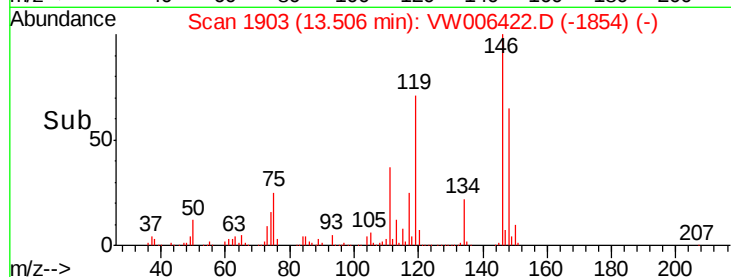
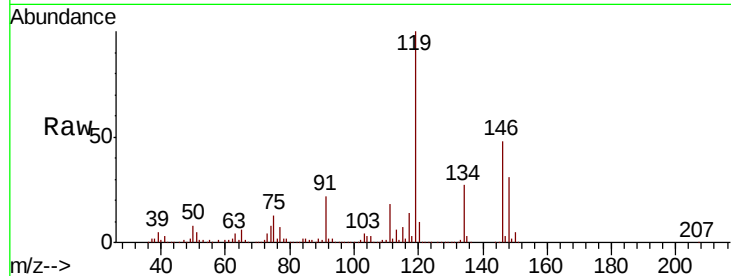
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	325447
Ion Ratio	Lower	Upper	
146	100		
111	37.1	19.1	57.5
148	64.6	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 59.001 ug/l

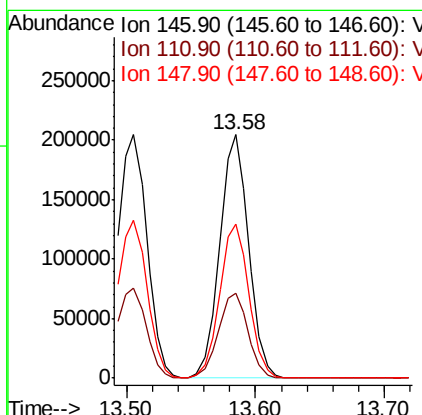
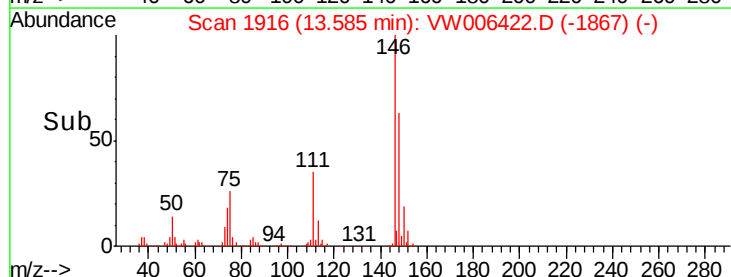
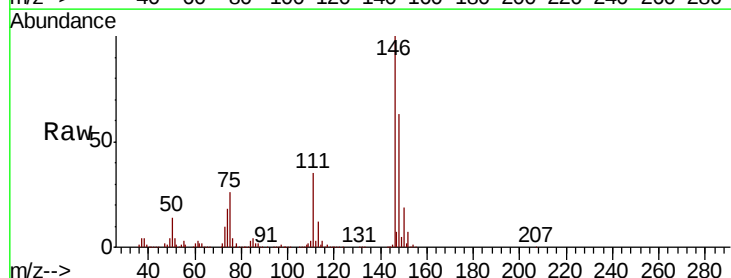
RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Tgt Ion:	146	Resp:	322352
Ion Ratio	Lower	Upper	
146	100		
111	36.0	18.6	56.0
148	63.9	32.1	96.5





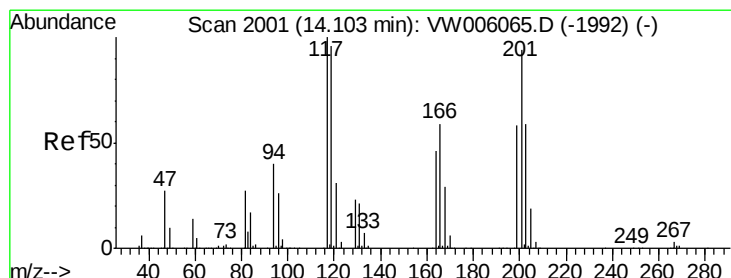
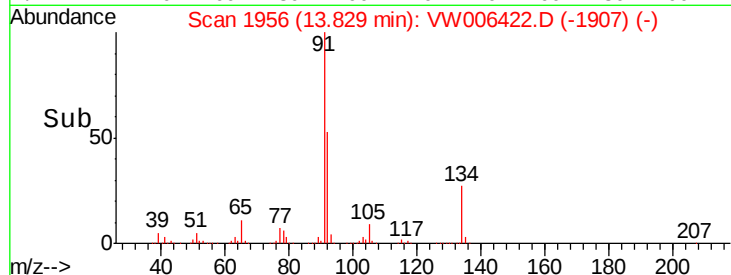
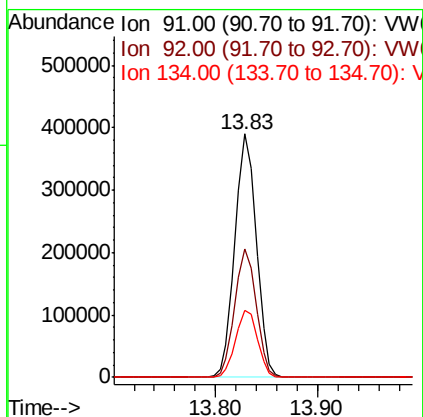
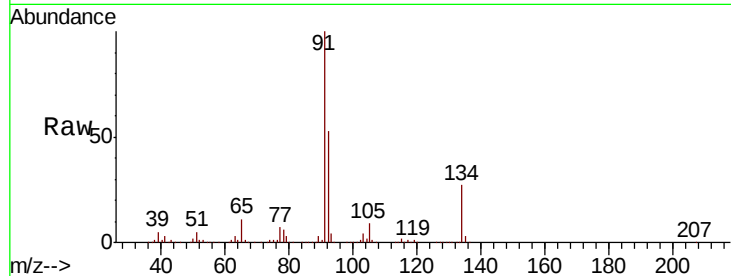
#89
n-Butylbenzene
Concen: 56.993 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.7
134	28.1	14.0	41.9

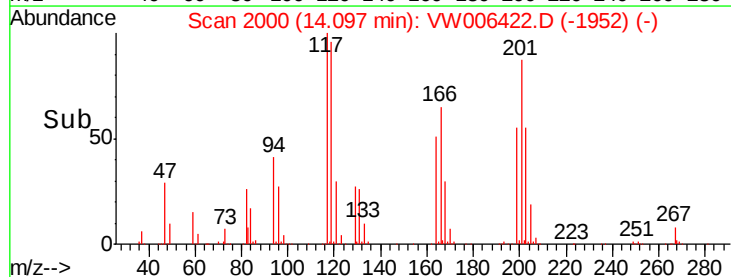
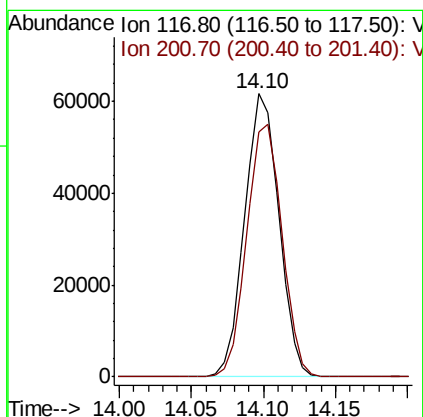
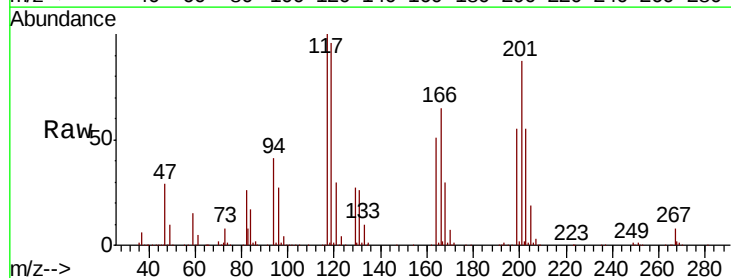
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#90
Hexachloroethane
Concen: 55.363 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.3	45.3	135.9





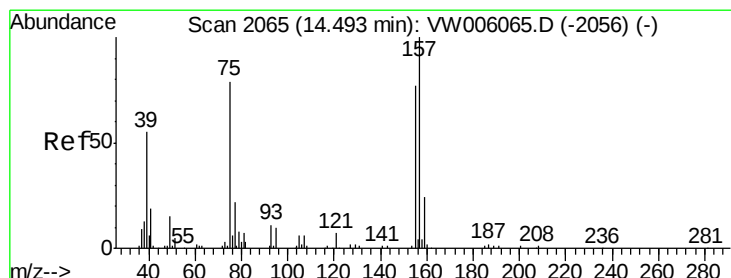
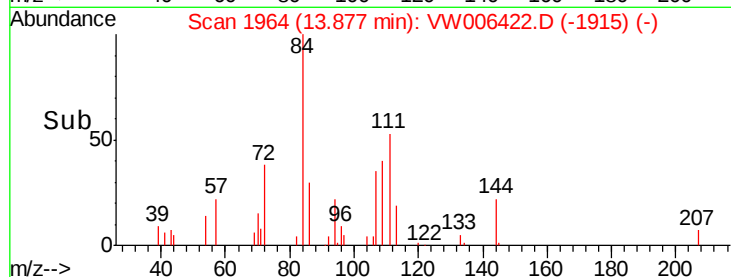
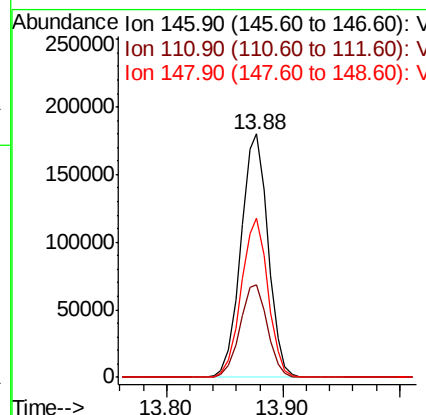
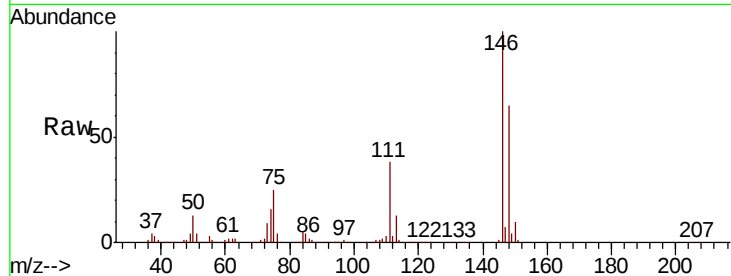
#91
 1,2-Dichlorobenzene
 Concen: 59.726 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.6	58.7
148	64.2	32.2	96.6

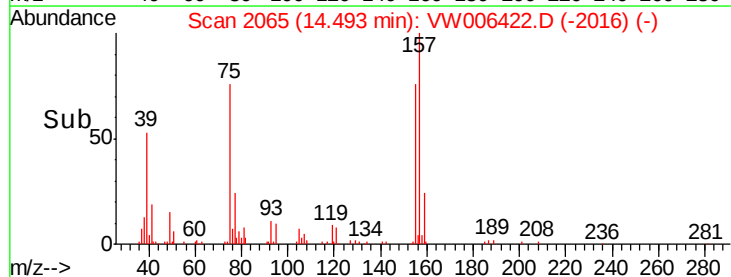
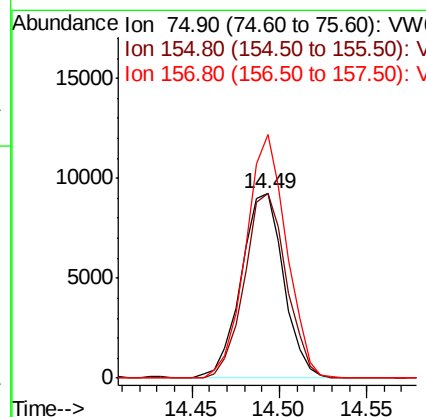
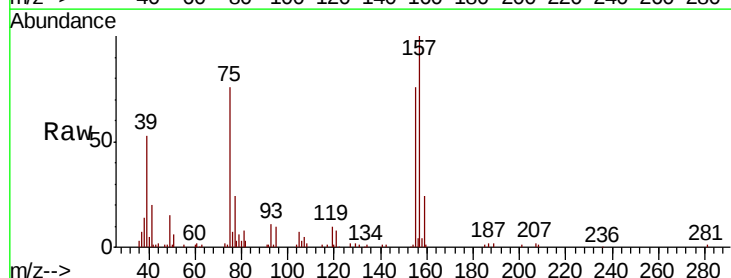
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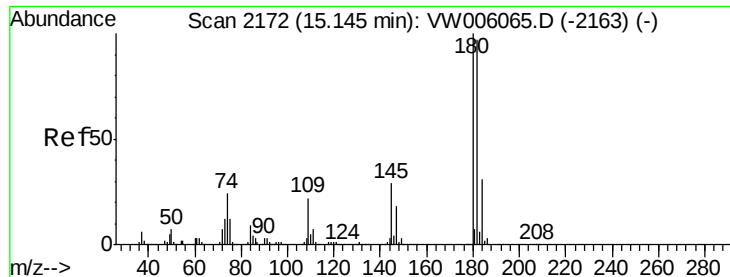
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.001 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.5	46.5	139.5
157	126.1	59.8	179.4





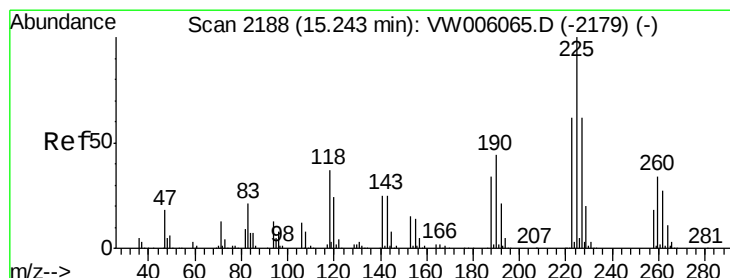
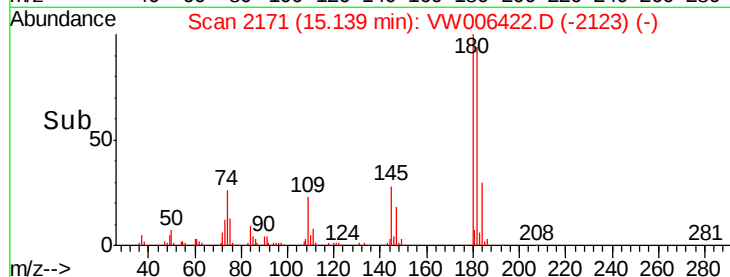
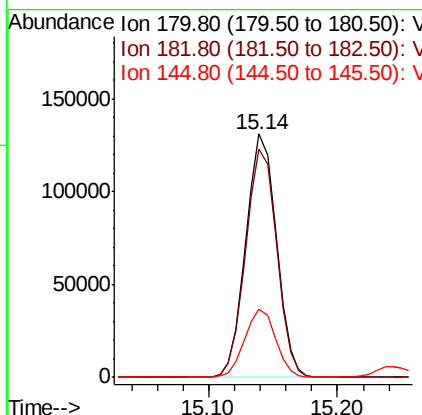
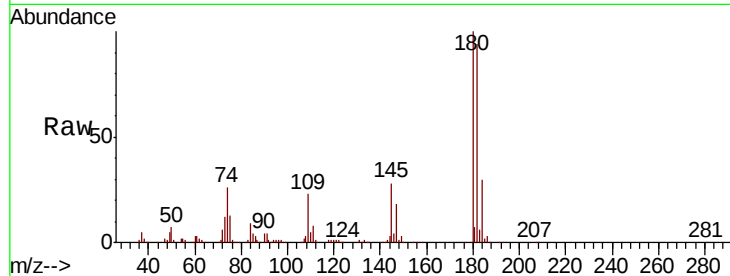
#93
 1,2,4-Trichlorobenzene
 Concen: 57.184 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	215362		
182	95.3	47.9	143.6	
145	28.1	14.2	42.8	

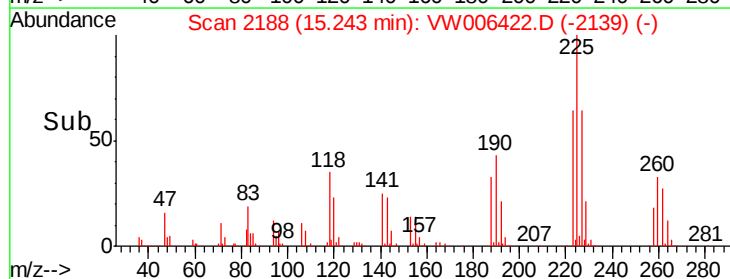
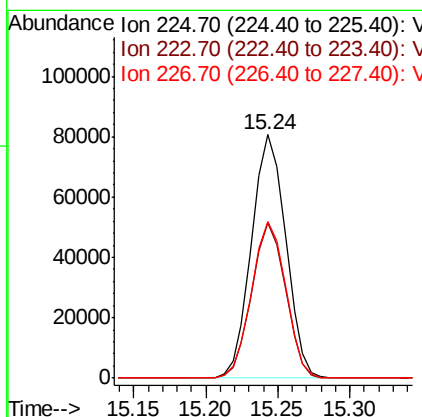
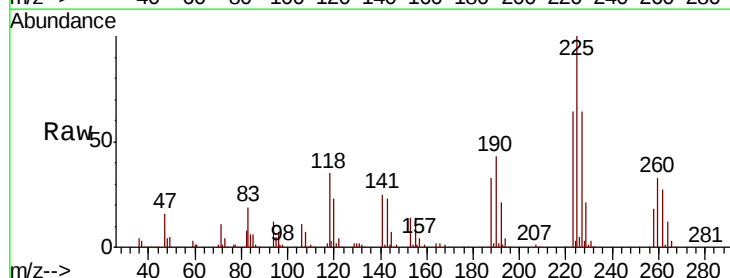
Manual Integrations
 APPROVED

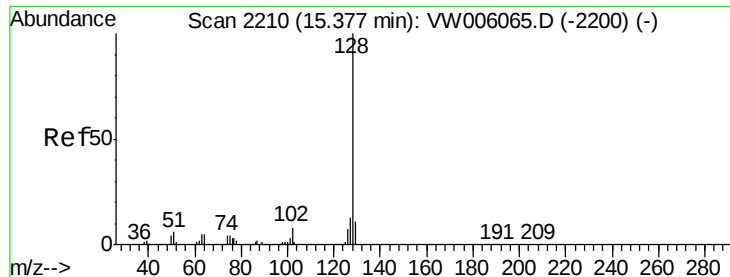
apatel
 10/29/2018 10:03:44 AM



#94
 Hexachlorobutadiene
 Concen: 56.130 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132795		
223	63.1	31.1	93.5	
227	64.3	32.4	97.0	





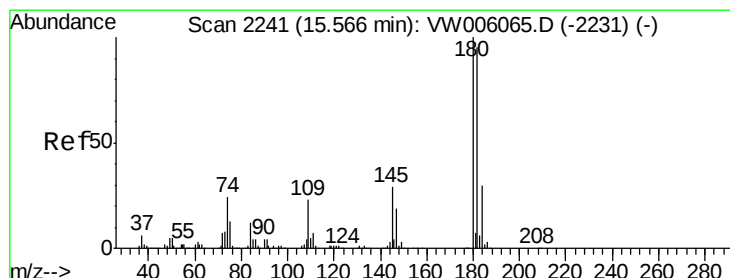
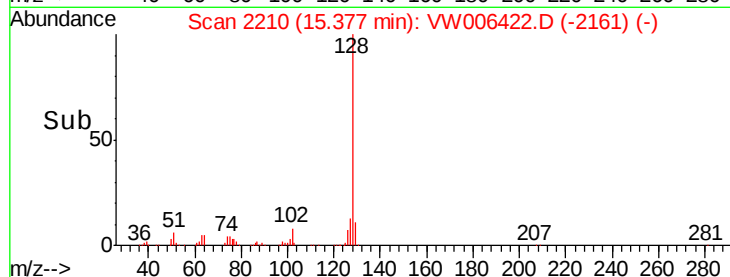
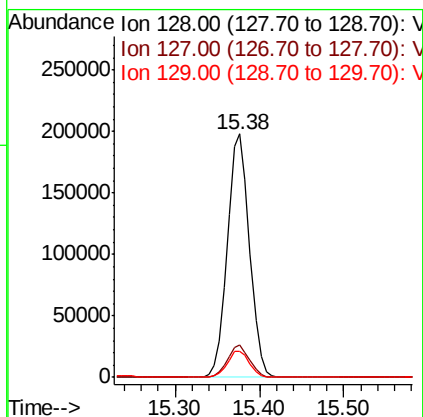
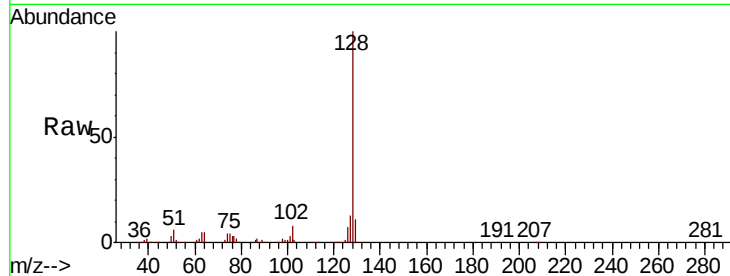
#95
Naphthalene
Concen: 56.447 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
10/29/2018 10:03:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.545 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	29.9	15.0	45.1

