

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004614.D
 Acq On : 10 Aug 2018 23:51
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 8/13/2018 12:57:18 PM

Quant Time: Aug 11 02:59:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	684647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1059888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1010340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	528750	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	371861	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.14%		
35) Dibromofluoromethane	7.88	113	356567	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.92%		
50) Toluene-d8	10.33	98	1392739	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.38%		
62) 4-Bromofluorobenzene	12.62	95	507603	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.60%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	204219	43.47	ug/l	98
3) Chloromethane	2.21	50	298389	45.59	ug/l	100
4) Vinyl Chloride	2.37	62	433646	47.42	ug/l	99
5) Bromomethane	2.78	94	260515	48.93	ug/l	99
6) Chloroethane	2.93	64	270307	49.47	ug/l	96
7) Trichlorofluoromethane	3.26	101	191203	56.62	ug/l	100
8) Diethyl Ether	3.68	74	206225	48.27	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	360127	48.28	ug/l	99
10) Methyl Iodide	4.27	142	551303	49.26	ug/l	100
11) Tert butyl alcohol	5.20	59	113020	254.69	ug/l	99
12) 1,1-Dichloroethene	4.04	96	359961	47.94	ug/l	99
13) Acrolein	3.89	56	147976	272.16	ug/l	99
14) Allyl chloride	4.67	41	585576	51.91	ug/l	98
15) Acrylonitrile	5.37	53	493443	259.91	ug/l	98
16) Acetone	4.13	43	462188	244.20	ug/l	96
17) Carbon Disulfide	4.38	76	1166918	48.36	ug/l	99
18) Methyl Acetate	4.67	43	235025	49.80	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	515812	50.37	ug/l	96
20) Methylene Chloride	4.91	84	425607	45.19	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	398304	49.23	ug/l	99
22) Diisopropyl ether	6.31	45	1224576	52.83	ug/l	99
23) Vinyl Acetate	6.26	43	3593730	257.95	ug/l	99
24) 1,1-Dichloroethane	6.21	63	727182	49.01	ug/l	99
25) 2-Butanone	7.18	43	753863	247.61	ug/l	100
26) 2,2-Dichloropropane	7.17	77	369075	47.39	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	437114	50.21	ug/l	99
28) Bromochloromethane	7.51	49	315607	48.89	ug/l	100
29) Tetrahydrofuran	7.53	42	405712	257.77	ug/l	99
30) Chloroform	7.68	83	713850	48.98	ug/l	100
31) Cyclohexane	7.96	56	667427	47.01	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	544227	49.71	ug/l	99
36) 1,1-Dichloropropene	8.09	75	568588	49.82	ug/l	99
37) Ethyl Acetate	7.26	43	263921	49.38	ug/l	99
38) Carbon Tetrachloride	8.07	117	508196	49.49	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	709205	50.70	ug/l	97
40) Benzene	8.32	78	1679942	50.13	ug/l	100
41) Methacrylonitrile	7.49	41	156825	52.53	ug/l	98
42) 1,2-Dichloroethane	8.40	62	456522	49.24	ug/l	100
43) Isopropyl Acetate	8.43	43	466491	50.07	ug/l	99
44) Trichloroethene	9.09	130	403703	49.02	ug/l	99
45) 1,2-Dichloropropane	9.37	63	419364	49.97	ug/l	99
46) Dibromomethane	9.46	93	212496	49.74	ug/l	99
47) Bromodichloromethane	9.65	83	497761	49.36	ug/l	99
48) Methyl methacrylate	9.44	41	228791	52.54	ug/l	99
49) 1,4-Dioxane	9.46	88	73056	1120.82	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	1706489	263.14	ug/l	100
52) Toluene	10.39	92	1004349	50.82	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	499598	49.34	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	593020	50.25	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	300653	49.10	ug/l	99
56) Ethyl methacrylate	10.65	69	392671	53.56	ug/l	99
57) 1,3-Dichloropropane	10.94	76	527373	49.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	999946	256.58	ug/l	99
59) 2-Hexanone	10.98	43	1166837	265.38	ug/l	99
60) Dibromochloromethane	11.13	129	331632	49.79	ug/l	99
61) 1,2-Dibromoethane	11.24	107	287808	50.03	ug/l	99
64) Tetrachloroethene	10.87	164	355336	50.42	ug/l	98
65) Chlorobenzene	11.66	112	1105594	49.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	376278	49.64	ug/l	99
67) Ethyl Benzene	11.74	91	1947029	51.58	ug/l	98
68) m/p-Xylenes	11.84	106	1508420	103.41	ug/l	100
69) o-Xylene	12.17	106	708105	52.34	ug/l	100
70) Styrene	12.18	104	1206742	52.80	ug/l	99
71) Bromoform	12.35	173	207795	49.86	ug/l #	100
73) Isopropylbenzene	12.47	105	1949079	53.29	ug/l	100
74) N-amyl acetate	12.28	43	464899	52.42	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	384038	50.30	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	251544m	45.97	ug/l	
77) Bromobenzene	12.75	156	448664	50.70	ug/l	99
78) n-propylbenzene	12.81	91	2404915	53.29	ug/l	100
79) 2-Chlorotoluene	12.90	91	1359246	52.05	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1679232	53.82	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	109682	47.99	ug/l	97
82) 4-Chlorotoluene	12.99	91	1443814	52.09	ug/l	100
83) tert-Butylbenzene	13.21	119	1420343	54.28	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1735233	53.73	ug/l	99
85) sec-Butylbenzene	13.39	105	2102633	53.26	ug/l	100
86) p-Isopropyltoluene	13.51	119	1842337	53.85	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	913483	50.10	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	910608	50.17	ug/l	100
89) n-Butylbenzene	13.83	91	1782642	53.04	ug/l	100
90) Hexachloroethane	14.10	117	323707	51.14	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	830599	50.21	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	61934	49.65	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	594084	51.87	ug/l	99
94) Hexachlorobutadiene	15.24	225	347084	52.05	ug/l	100
95) Naphthalene	15.38	128	1167759	49.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	540141	52.48	ug/l	99

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

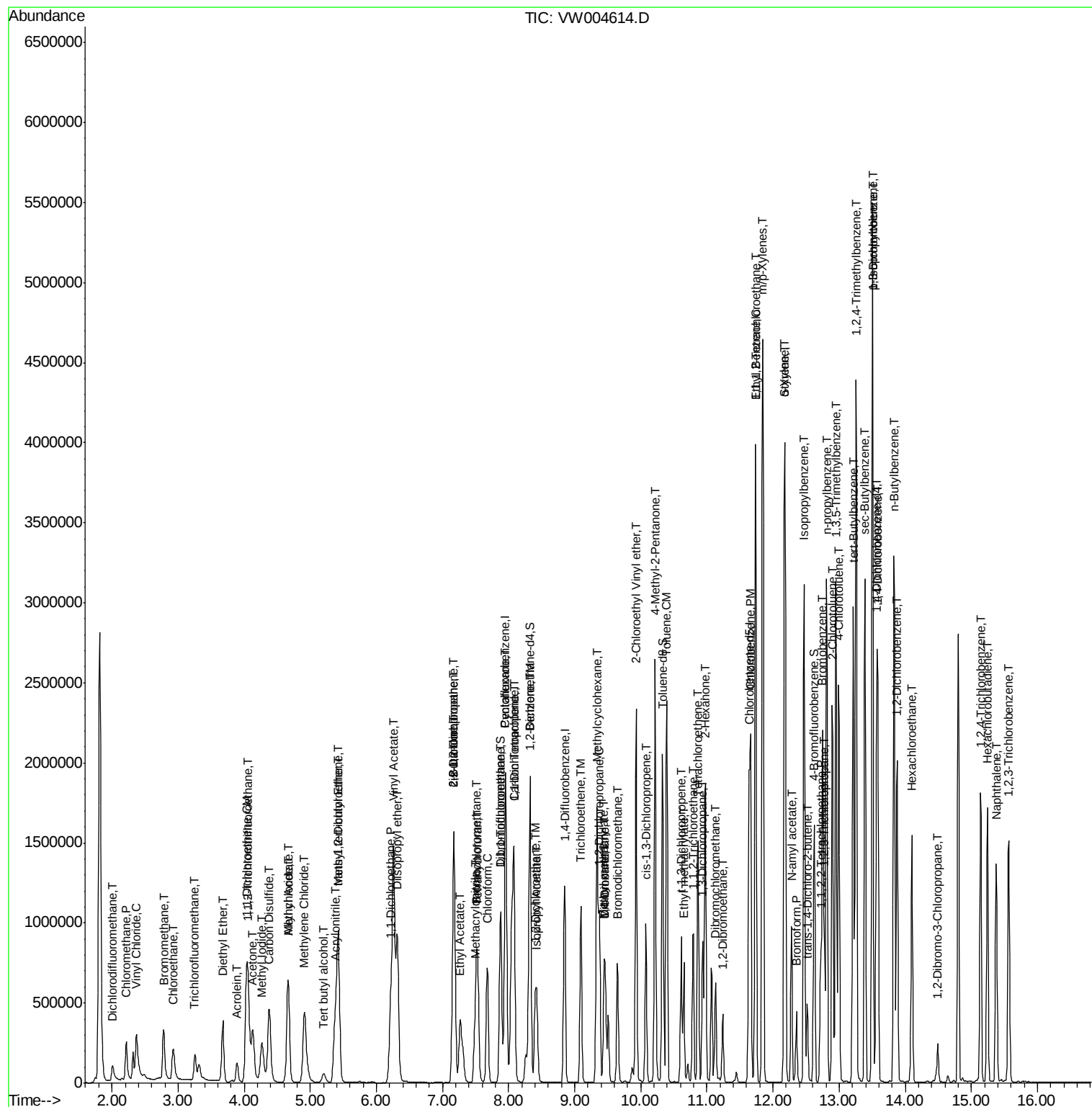
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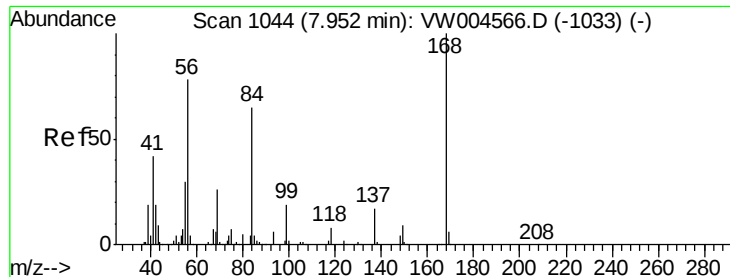
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 684647

Ion Ratio Lower Upper

168 100

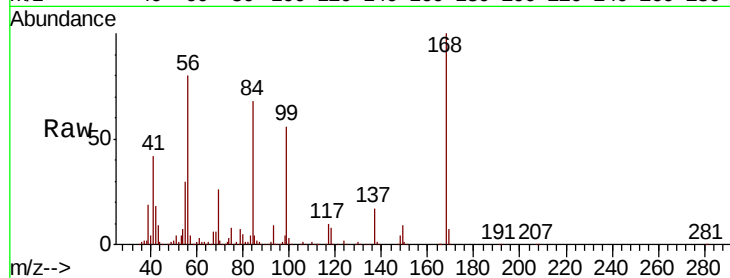
99 55.5 44.1 66.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

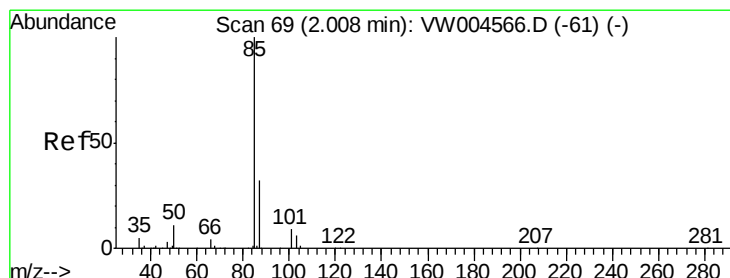
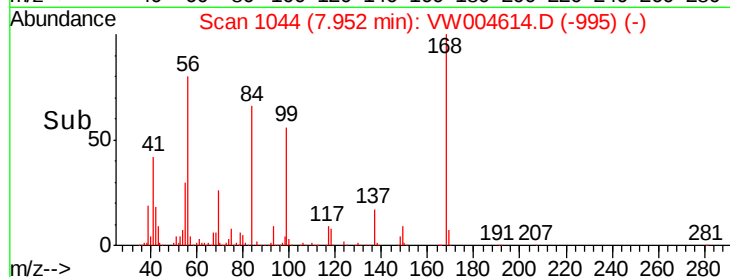
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.47 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004614.D

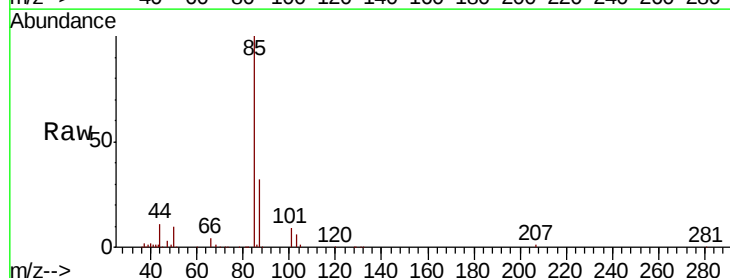
Acq: 10 Aug 2018 23:51

Tgt Ion: 85 Resp: 204219

Ion Ratio Lower Upper

85 100

87 32.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

50000

40000

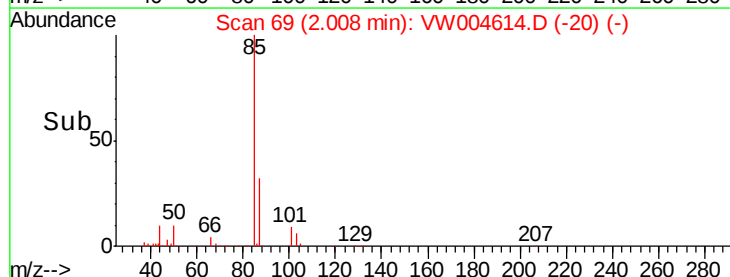
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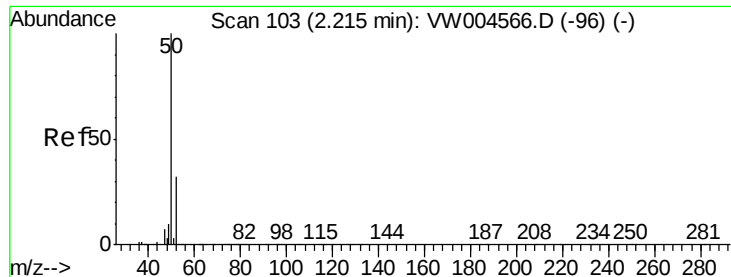
20000

10000

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Time-->





#3

Chloromethane

Concen: 45.59 ug/l

RT: 2.21 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 298389

Ion Ratio Lower Upper

50 100

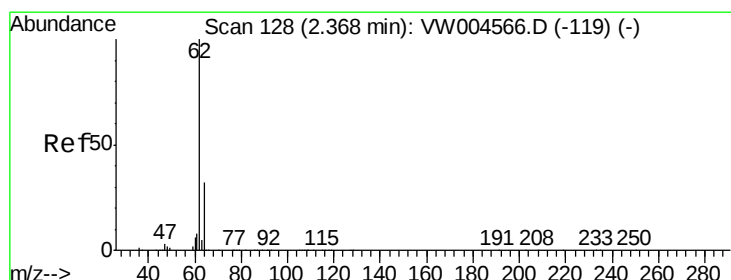
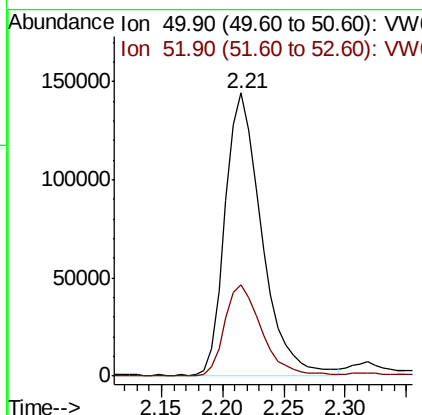
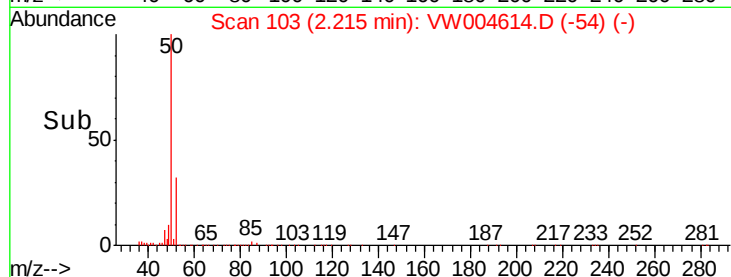
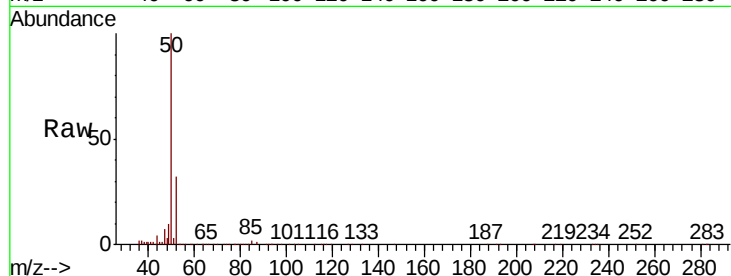
52 32.5 25.8 38.8

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#4

Vinyl Chloride

Concen: 47.42 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004614.D

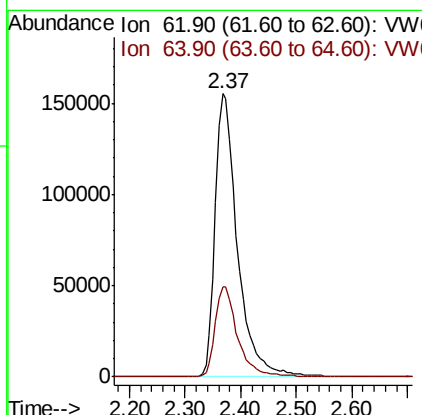
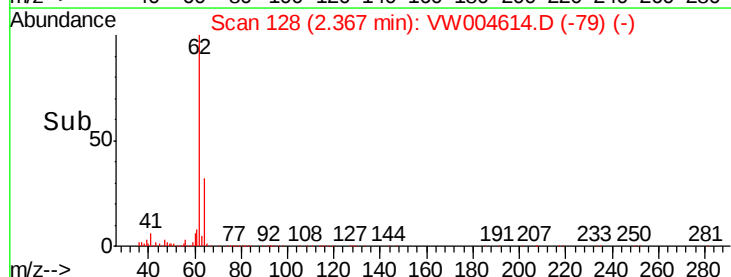
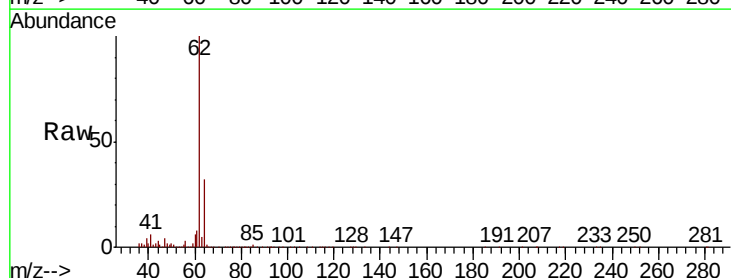
Acq: 10 Aug 2018 23:51

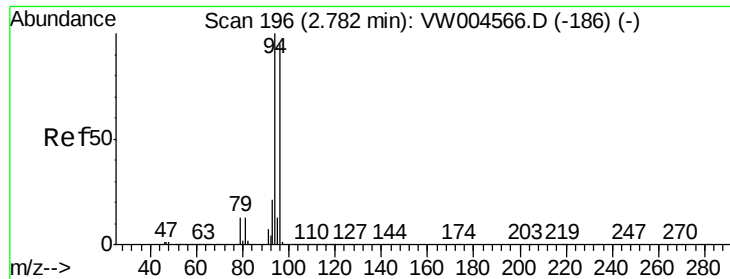
Tgt Ion: 62 Resp: 433646

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.2





#5

Bromomethane

Concen: 48.93 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 260515

Ion Ratio Lower Upper

94 100

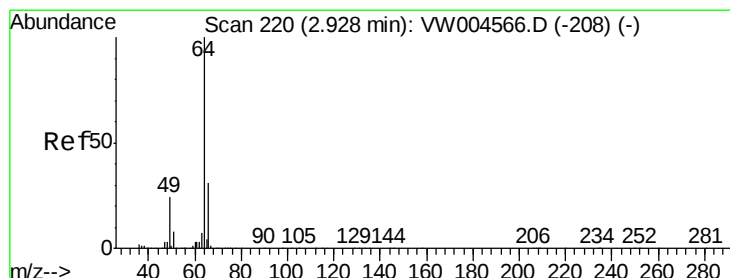
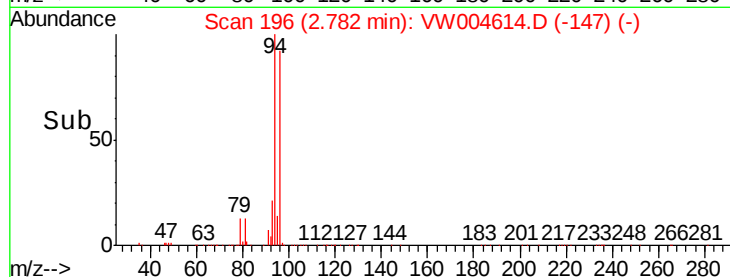
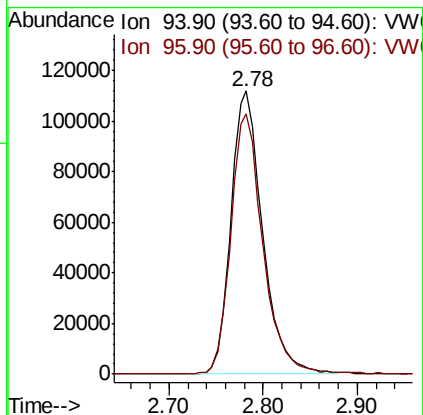
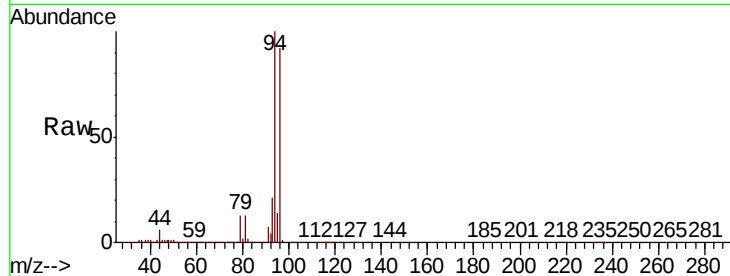
96 91.7 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 49.47 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004614.D

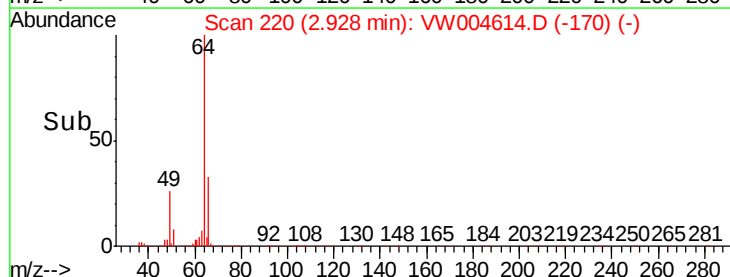
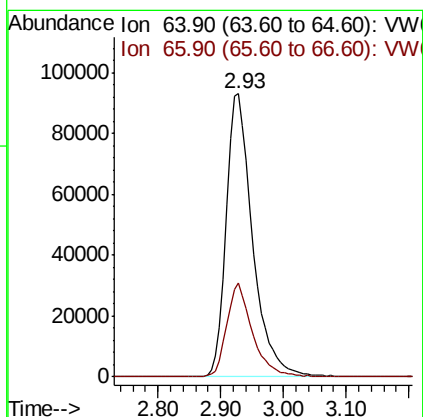
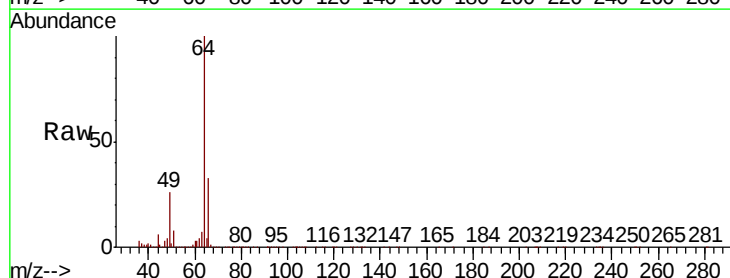
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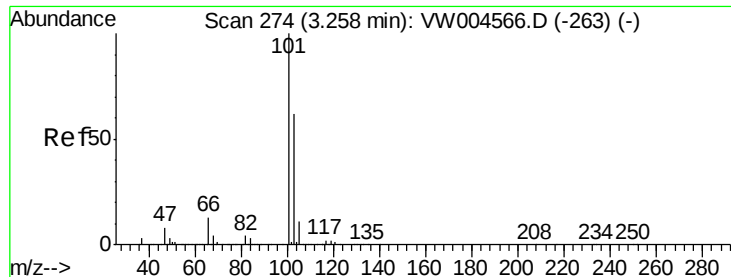
Tgt Ion: 64 Resp: 270307

Ion Ratio Lower Upper

64 100

66 33.1 24.6 36.8





#7

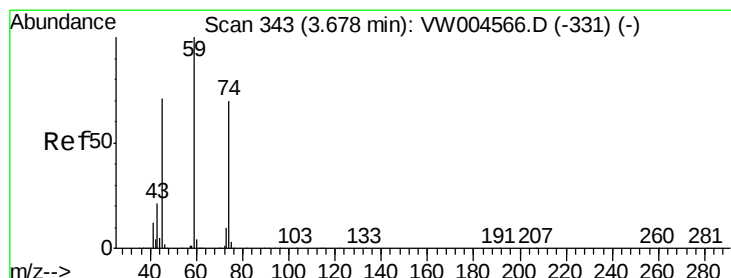
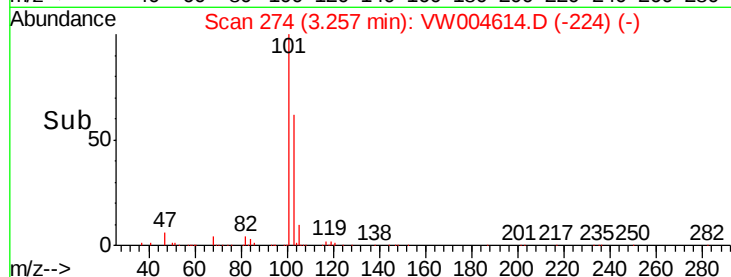
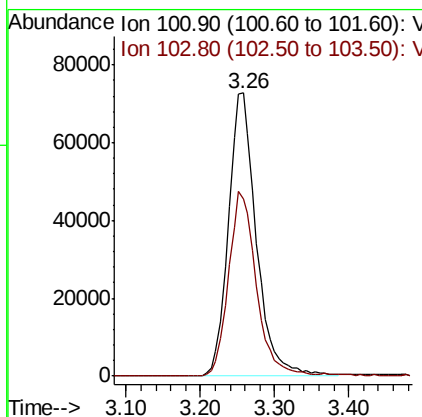
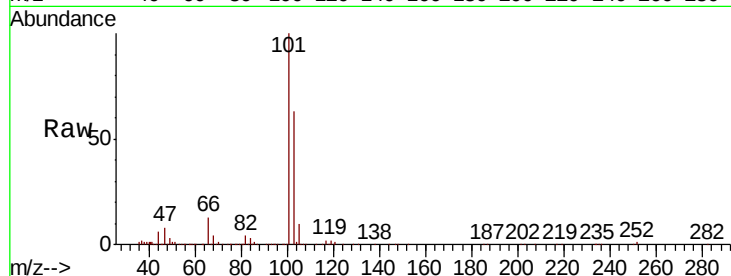
Trichlorofluoromethane
 Concen: 56.62 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	49.8	74.8

Manual Integrations
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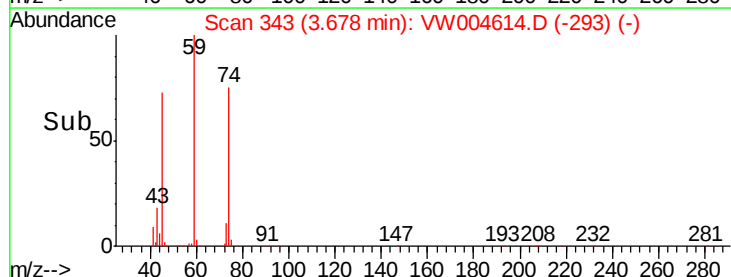
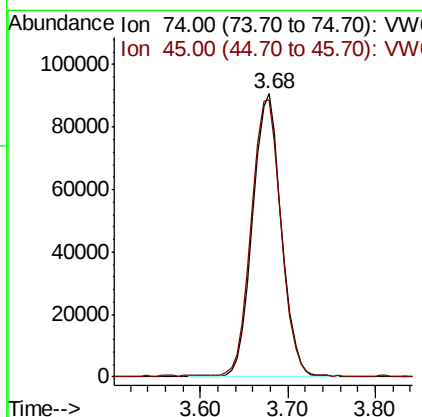
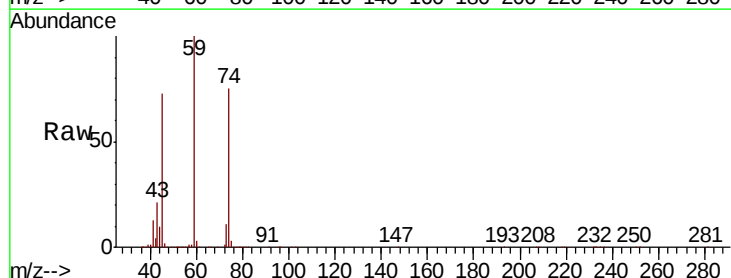
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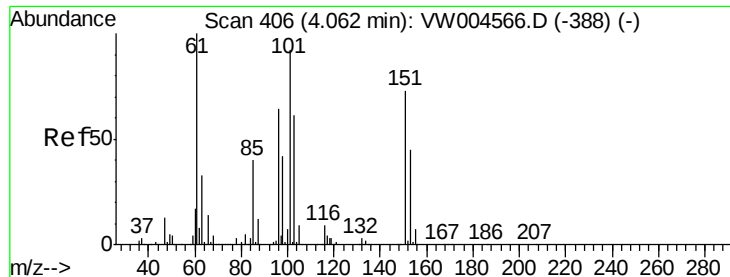


#8

Diethyl Ether
 Concen: 48.27 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.2	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.28 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

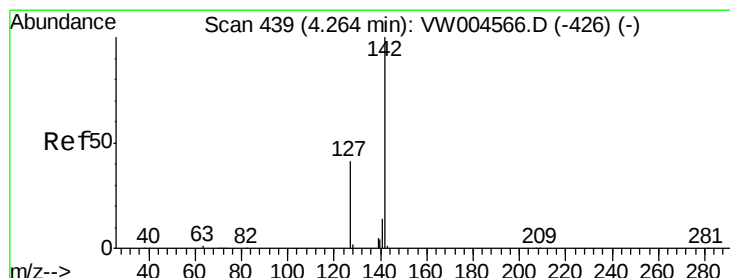
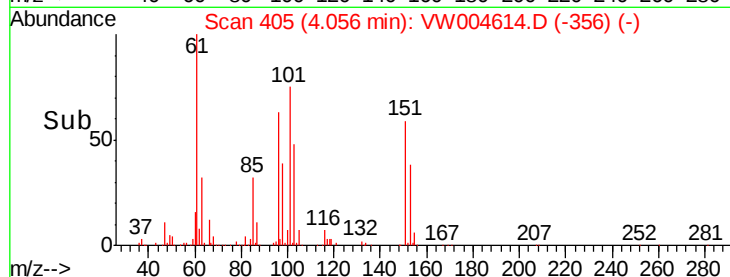
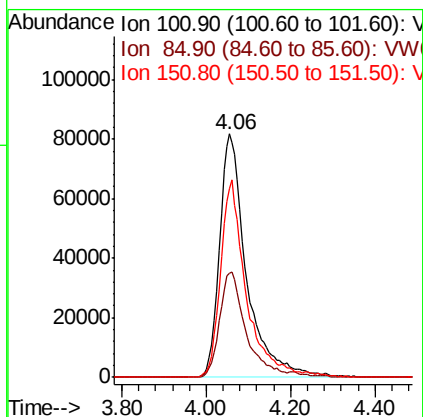
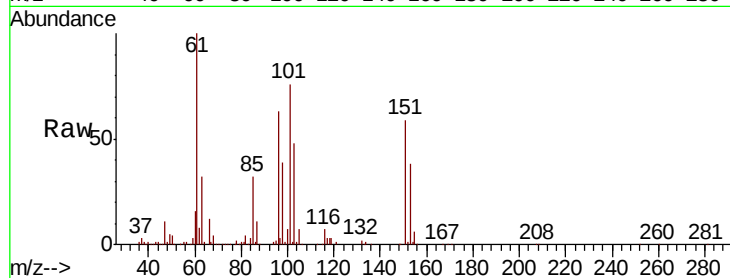
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	360127
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.6	51.8
151	76.3	61.3	91.9

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#10

Methyl Iodide

Concen: 49.26 ug/l

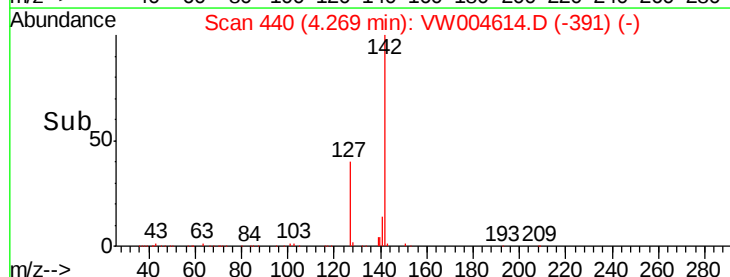
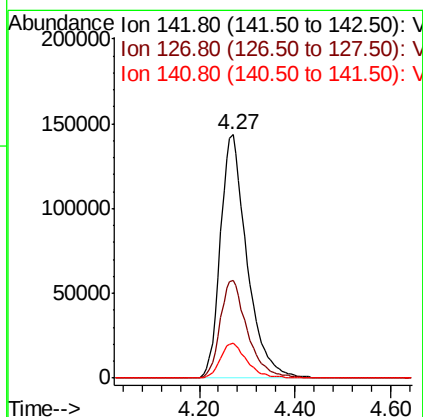
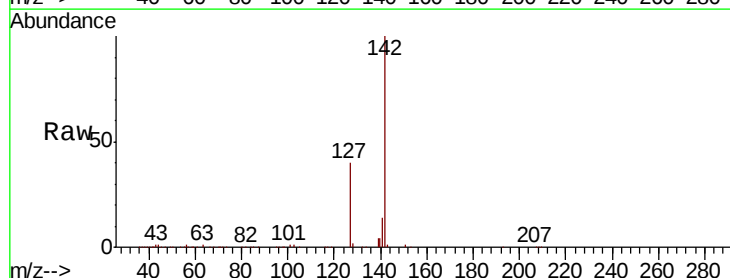
RT: 4.27 min Scan# 440

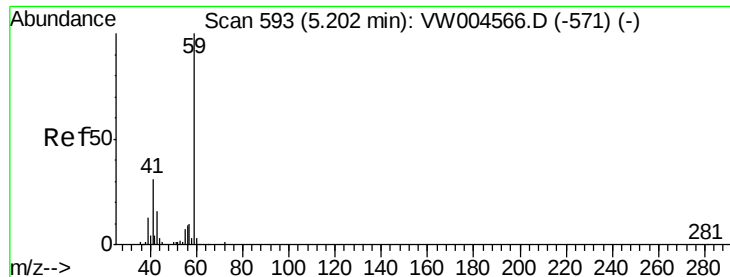
Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Tgt Ion:	142	Resp:	551303
Ion Ratio	Lower	Upper	
142	100		
127	41.2	32.7	49.1
141	14.5	11.5	17.3





#11

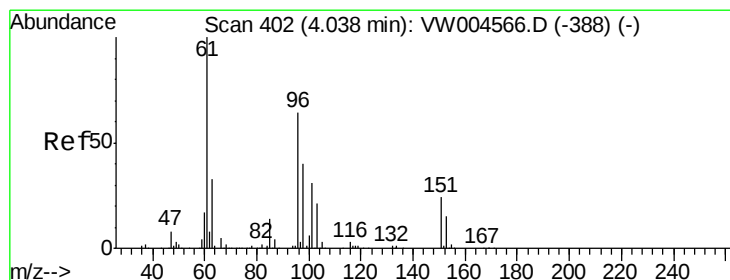
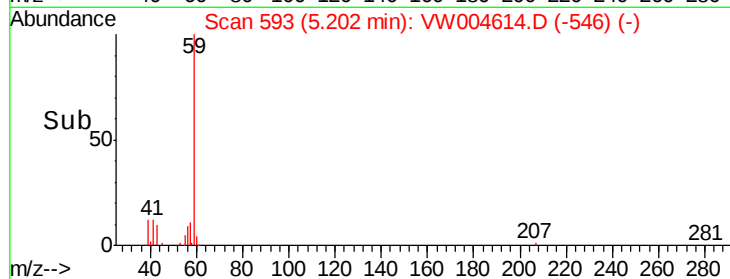
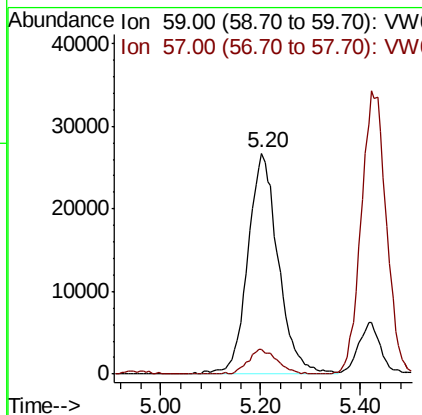
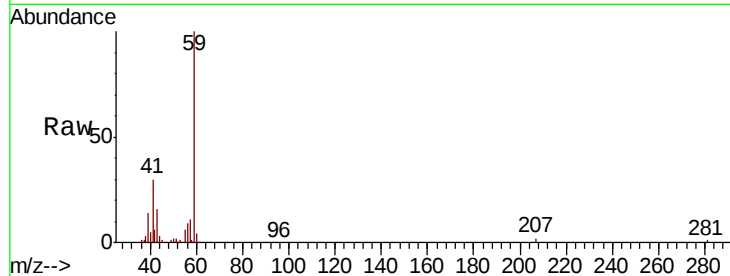
Tert butyl alcohol
 Concen: 254.69 ug/l
 RT: 5.20 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.1	13.7

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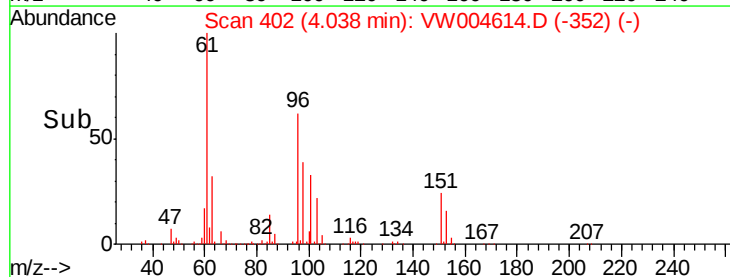
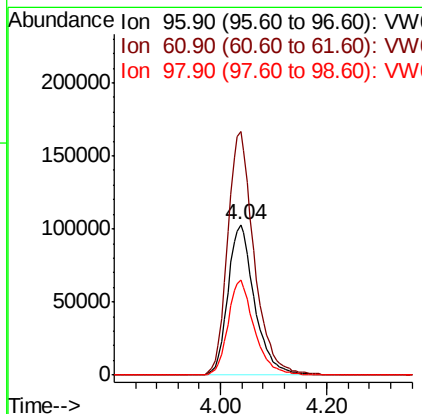
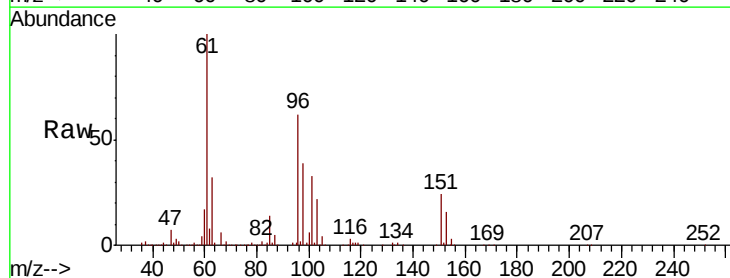
apatel
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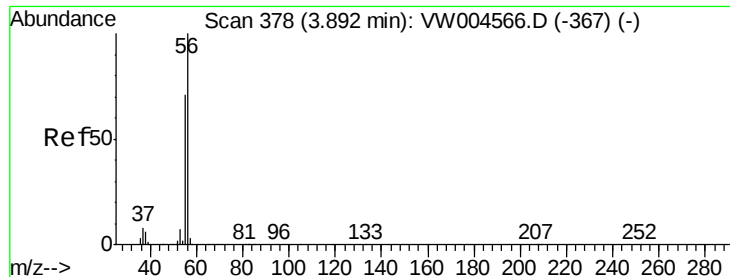


#12

1,1-Dichloroethene
 Concen: 47.94 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. 0.01 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.2	130.6	195.8
98	63.4	49.6	74.4





#13

Acrolein

Concen: 272.16 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 147976

Ion Ratio Lower Upper

56 100

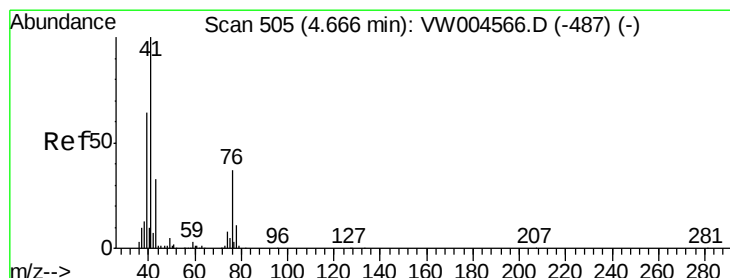
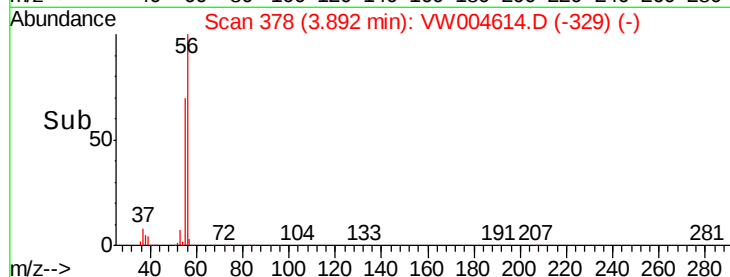
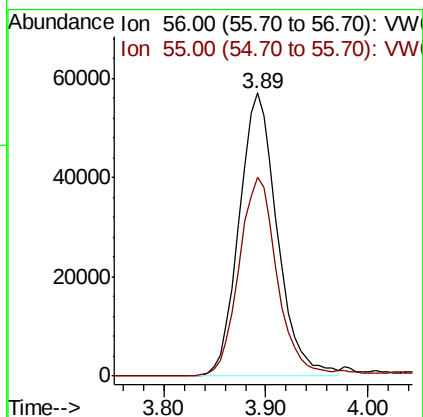
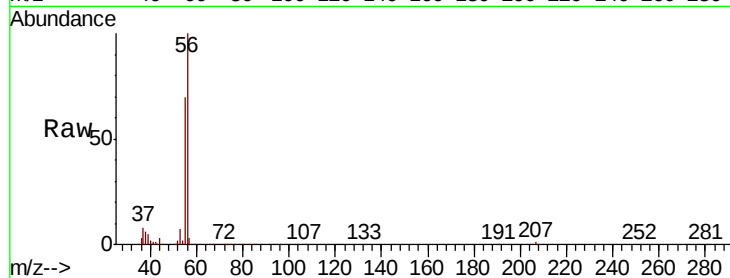
55 69.8 56.7 85.1

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#14

Allyl chloride

Concen: 51.91 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

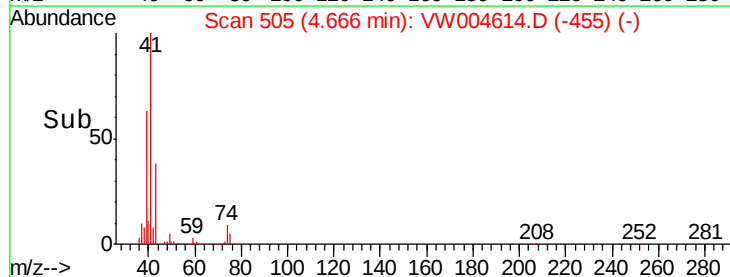
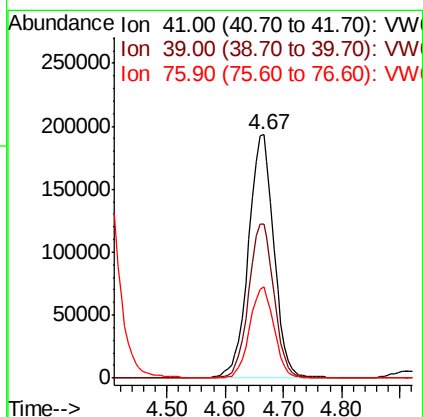
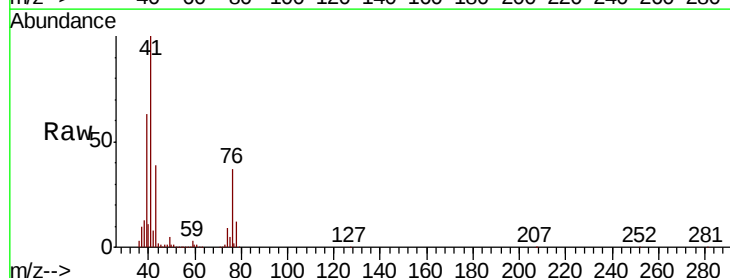
Tgt Ion: 41 Resp: 585576

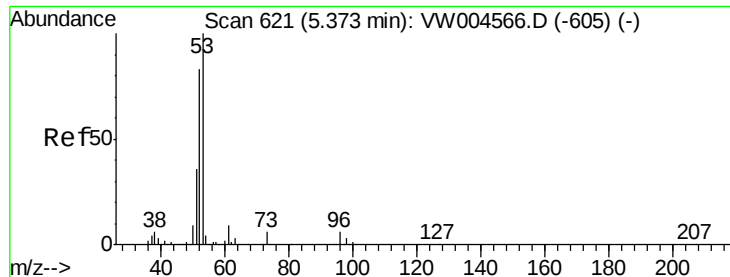
Ion Ratio Lower Upper

41 100

39 63.0 51.9 77.9

76 35.7 29.0 43.6





#15

Acrylonitrile

Concen: 259.91 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

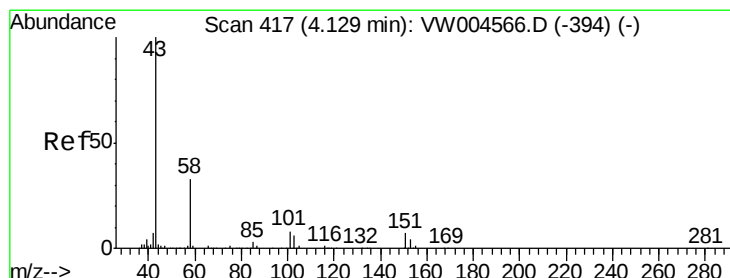
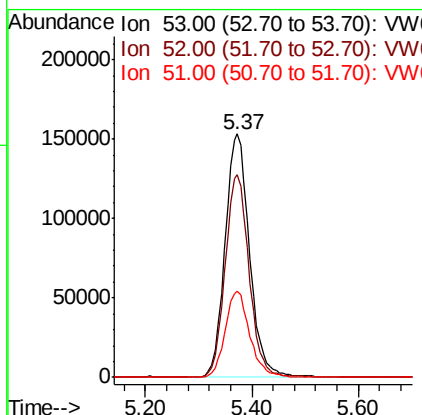
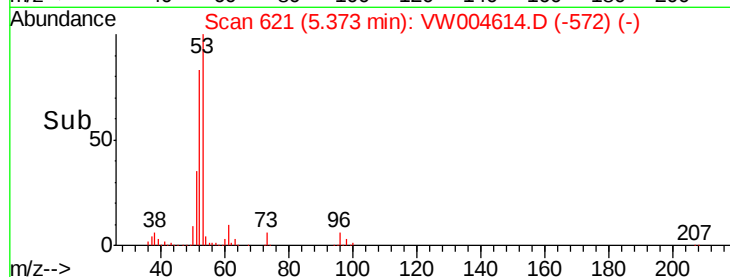
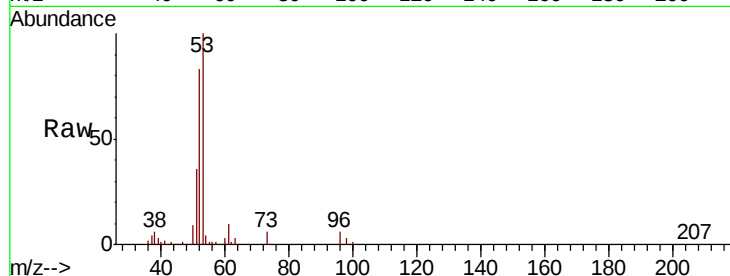
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	493443
Ion Ratio	Lower	Upper	
53	100		
52	81.2	66.5	99.7
51	35.8	28.4	42.6

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#16

Acetone

Concen: 244.20 ug/l

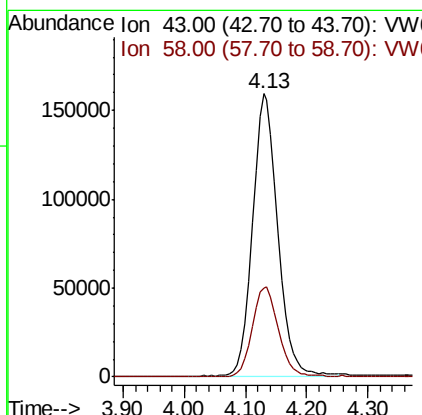
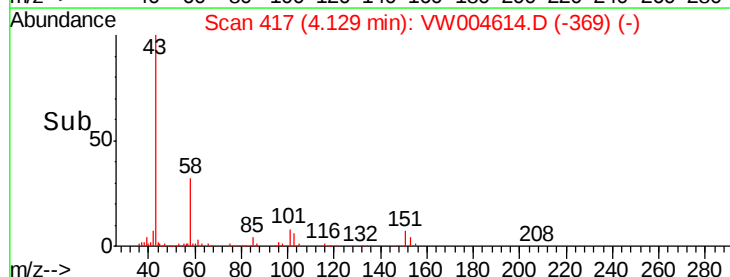
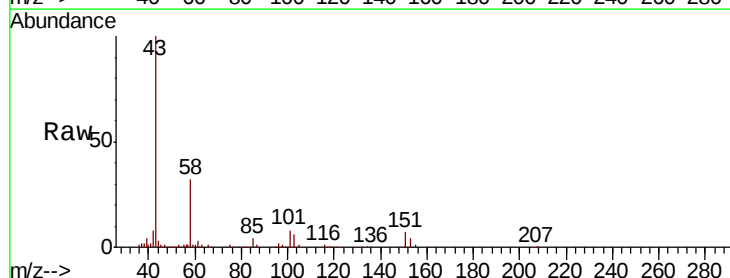
RT: 4.13 min Scan# 417

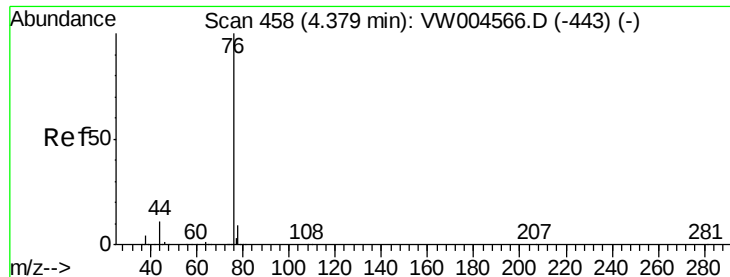
Delta R.T. -0.01 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Tgt Ion:	43	Resp:	462188
Ion Ratio	Lower	Upper	
43	100		
58	31.4	26.8	40.2





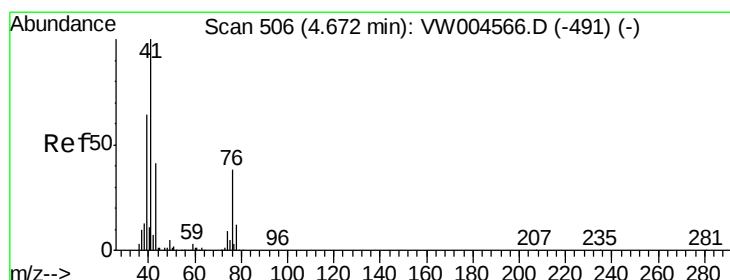
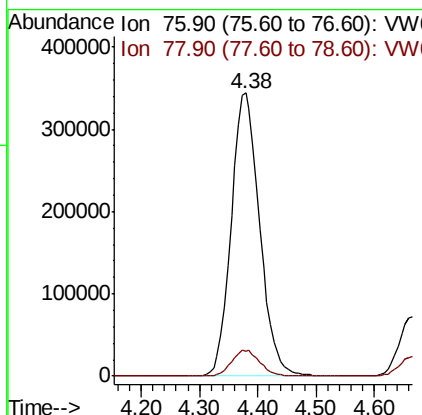
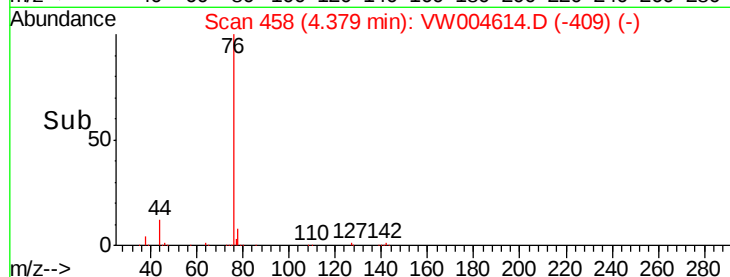
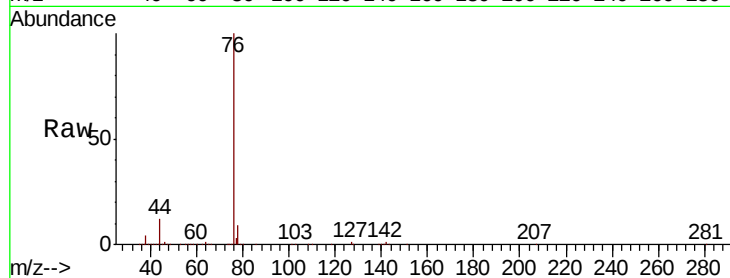
#17
Carbon Disulfide
Concen: 48.36 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.4

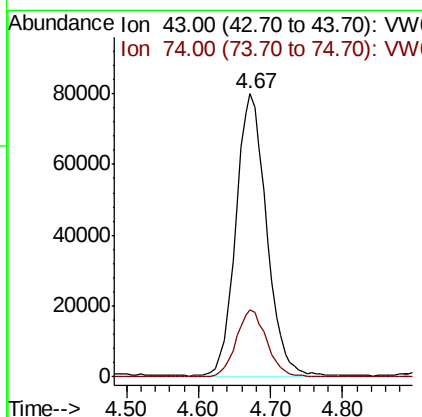
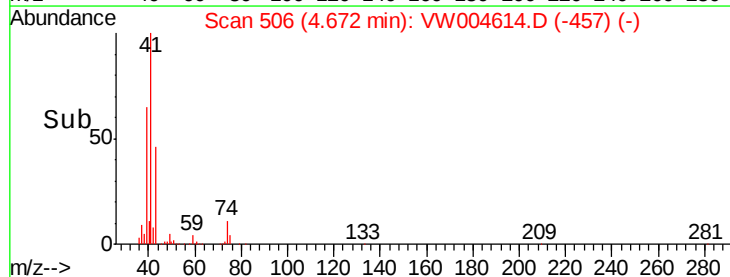
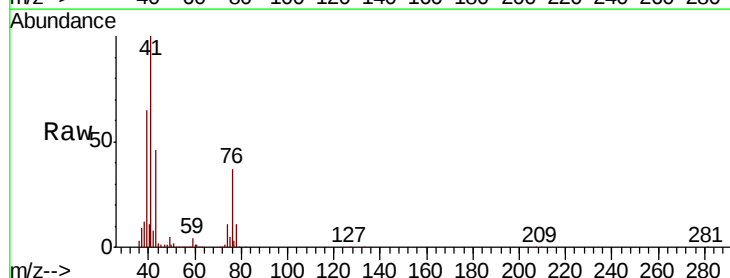
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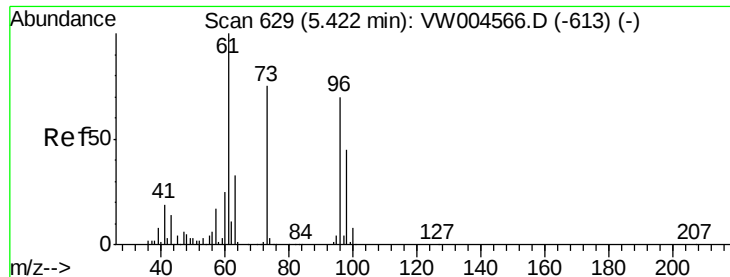
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#18
Methyl Acetate
Concen: 49.80 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.1	28.7





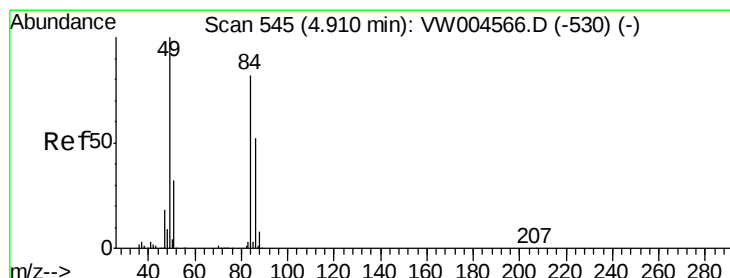
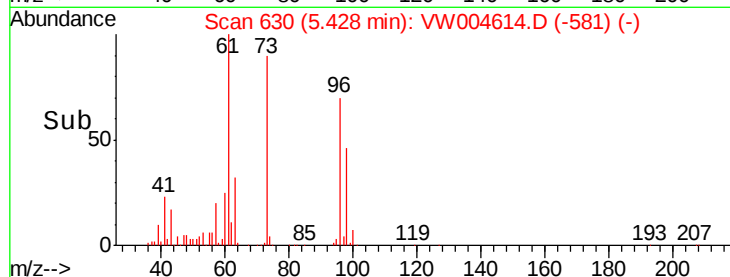
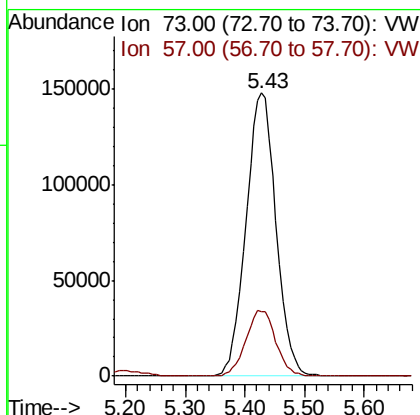
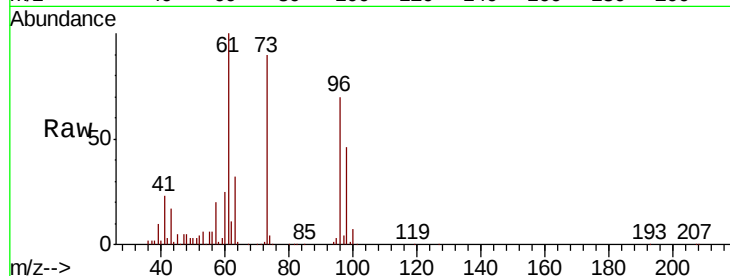
#19
Methvl tert-butvl Ether
Concen: 50.37 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 515812
Ion Ratio Lower Upper
73 100
57 22.6 19.6 29.4

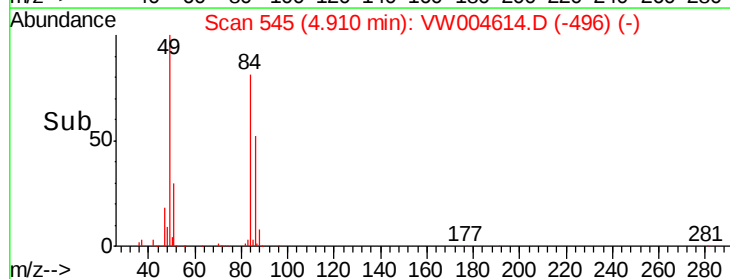
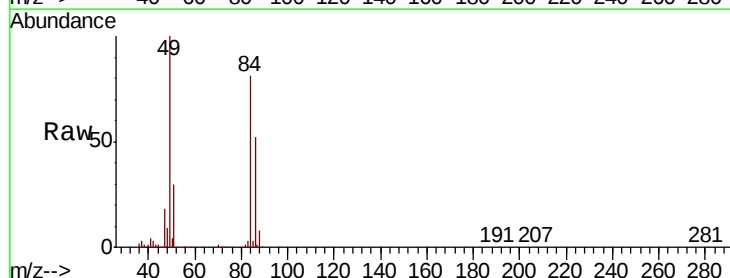
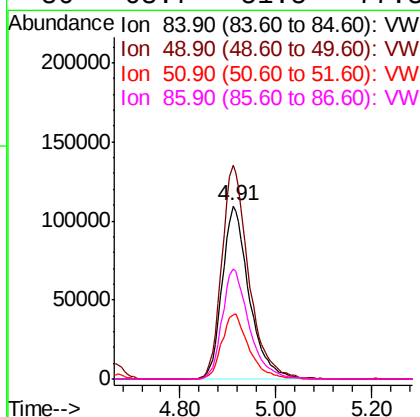
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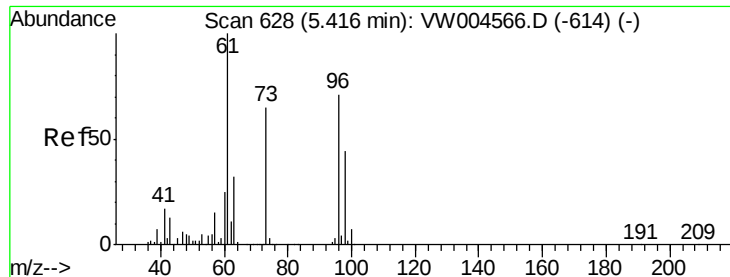
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#20
Methylene Chloride
Concen: 45.19 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion: 84 Resp: 425607
Ion Ratio Lower Upper
84 100
49 123.1 99.6 149.4
51 37.2 31.0 46.4
86 63.7 51.5 77.3





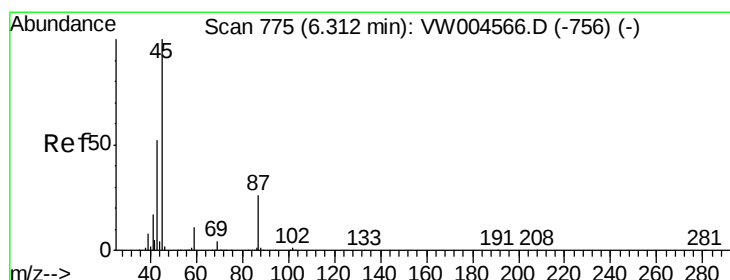
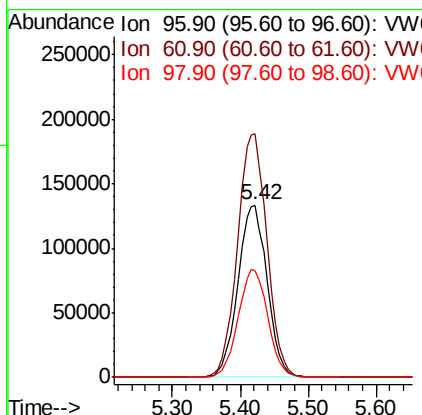
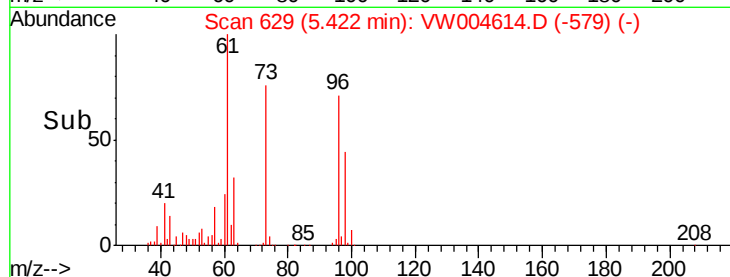
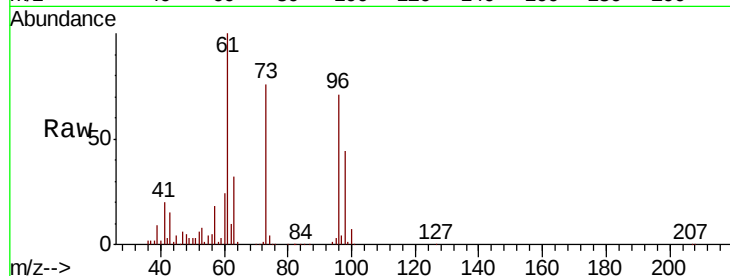
#21
trans-1,2-Dichloroethene
Concen: 49.23 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	114.1	171.1
98	62.2	51.4	77.2

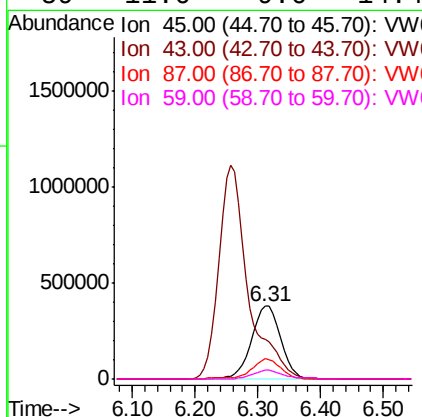
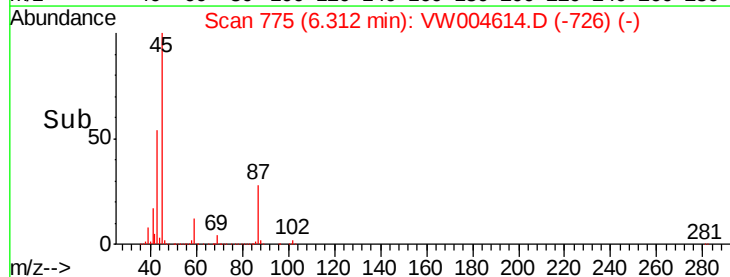
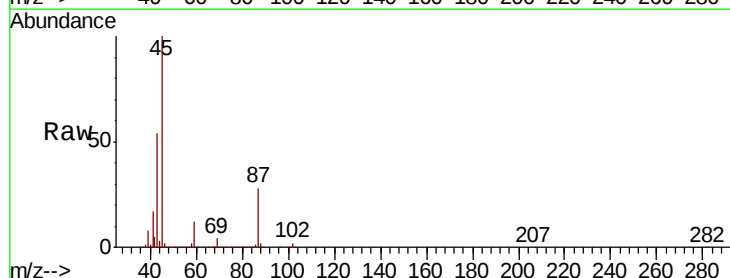
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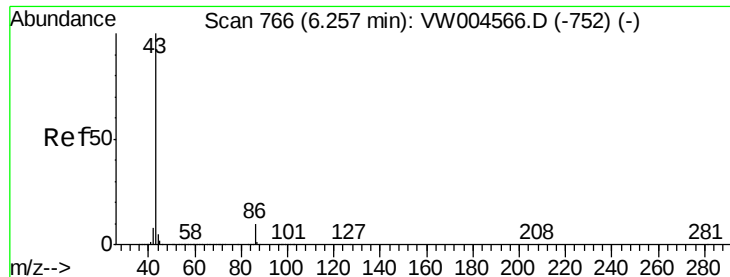
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#22
Diisopropyl ether
Concen: 52.83 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.1	42.4	63.6
87	27.5	21.6	32.4
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 257.95 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3593730

Ion Ratio Lower Upper

43 100

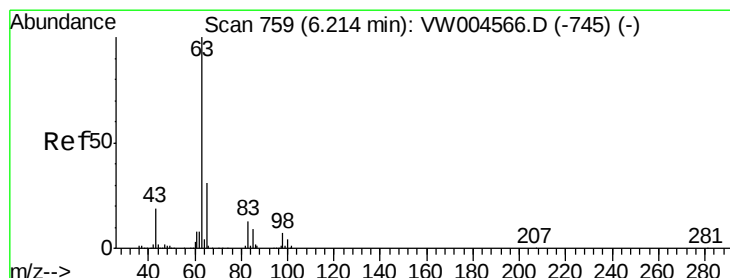
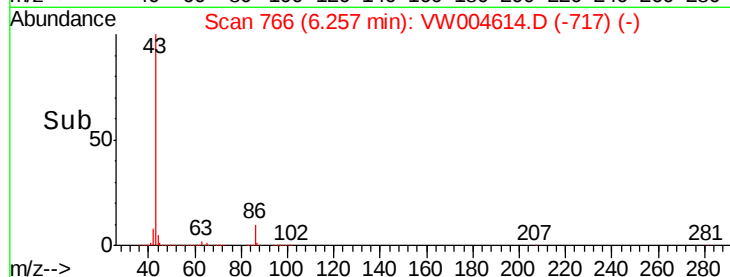
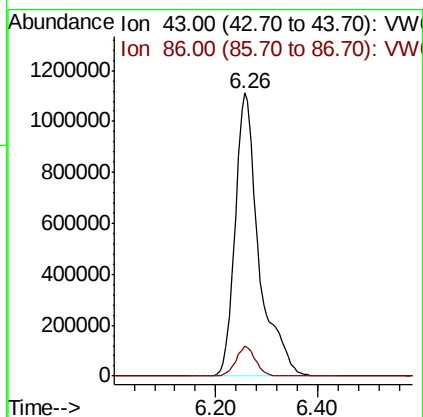
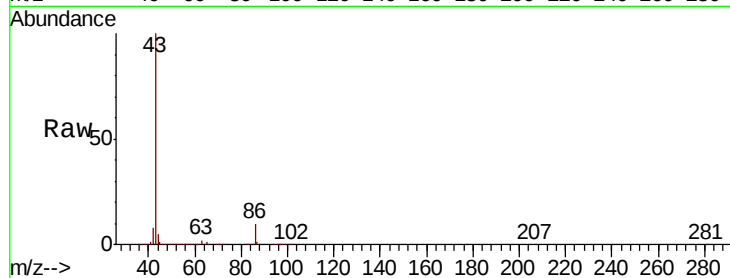
86 10.4 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.01 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

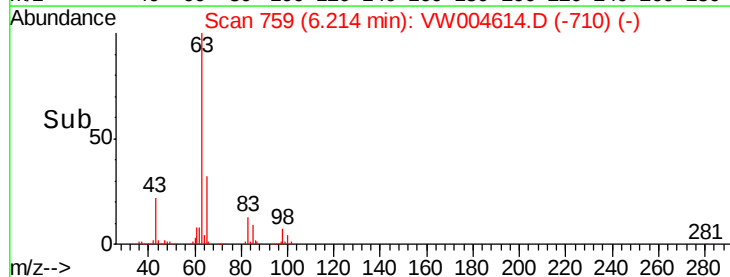
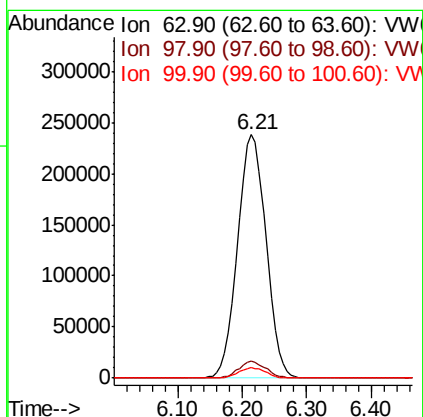
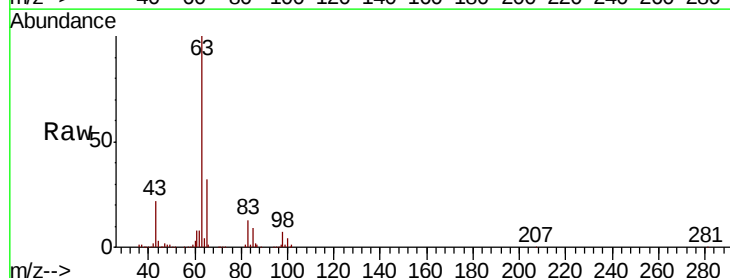
Tgt Ion: 63 Resp: 727182

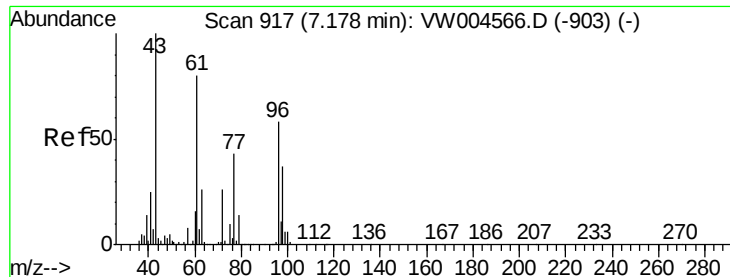
Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.3

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 247.61 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 753863

Ion Ratio Lower Upper

43 100

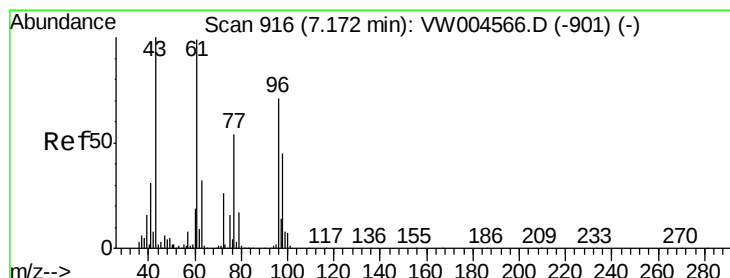
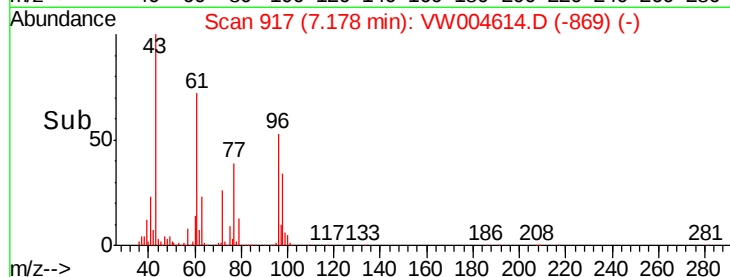
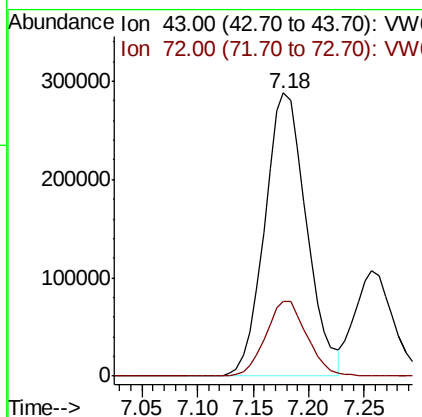
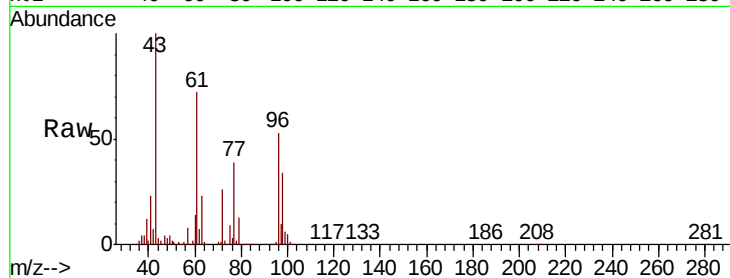
72 26.2 21.0 31.6

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8/13/2018 12:57:18 PM



#26

2,2-Dichloropropane

Concen: 47.39 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004614.D

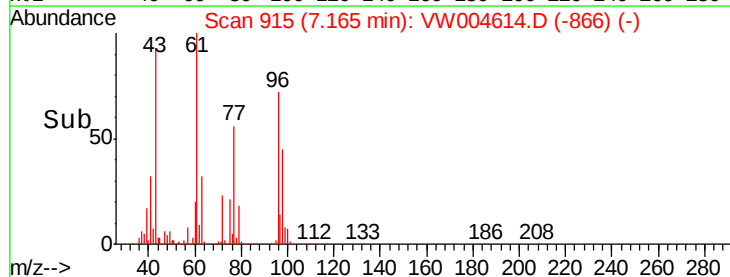
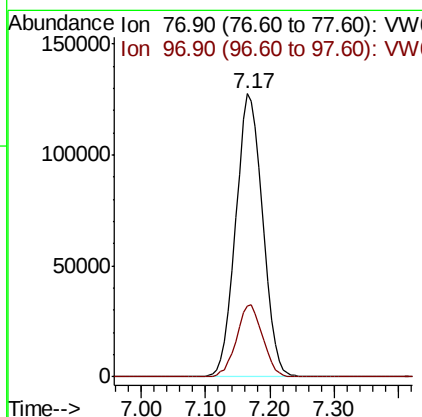
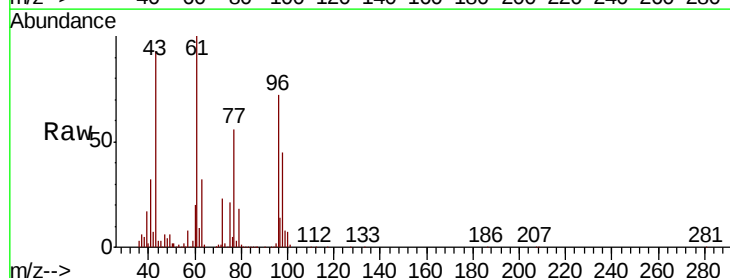
Acq: 10 Aug 2018 23:51

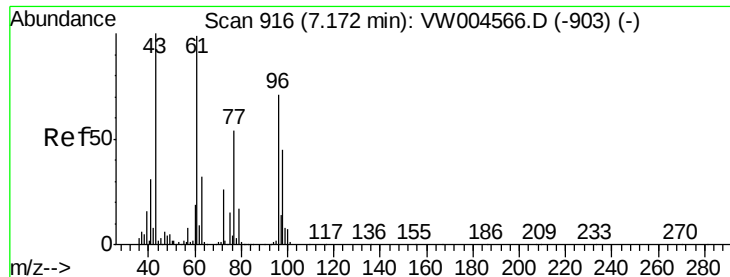
Tgt Ion: 77 Resp: 369075

Ion Ratio Lower Upper

77 100

97 24.8 12.5 37.5





#27

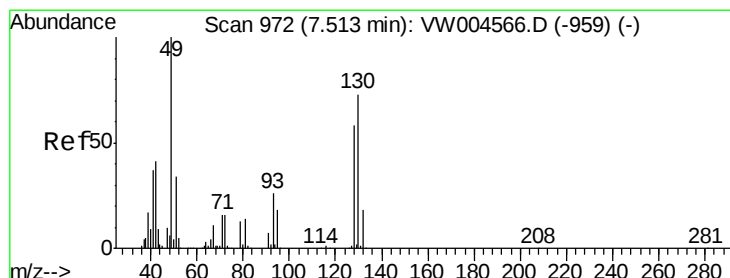
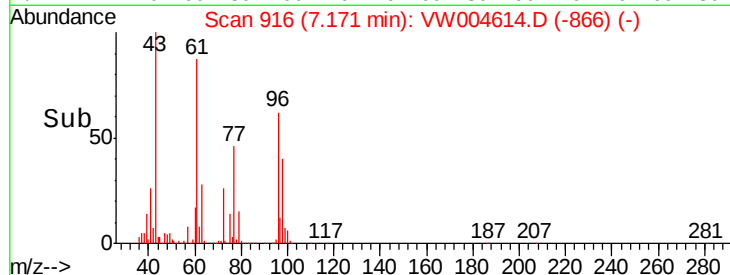
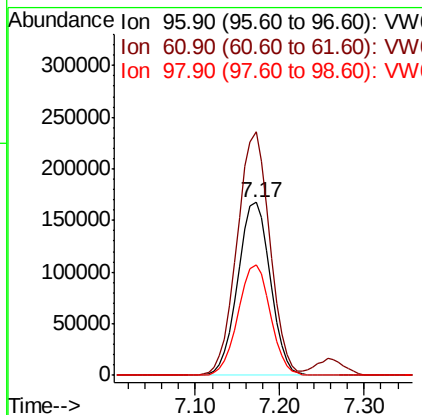
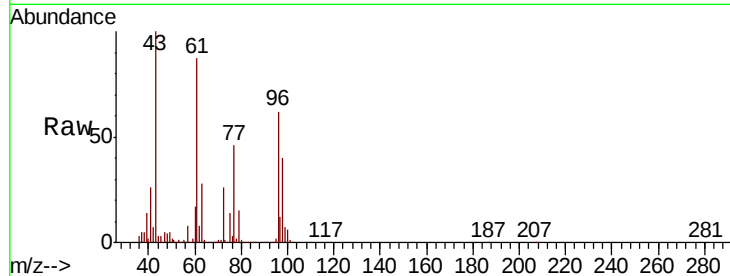
cis-1,2-Dichloroethene
 Concen: 50.21 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	437114		
61	141.4	0.0	285.0	
98	63.6	0.0	128.6	

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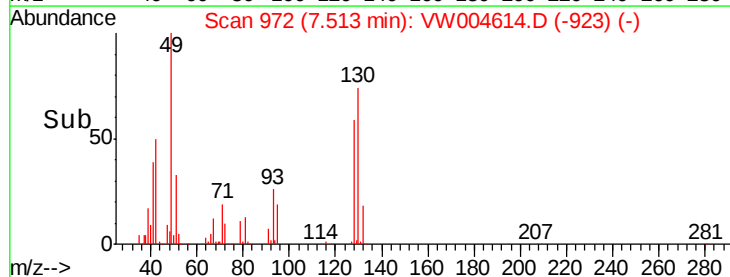
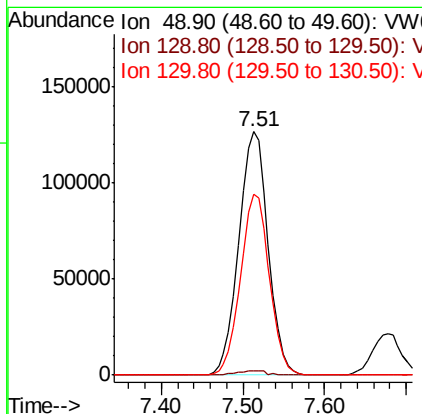
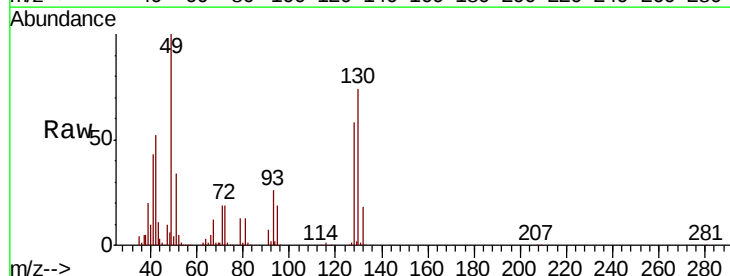
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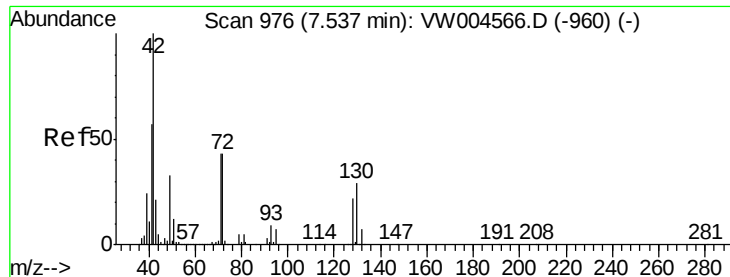


#28

Bromochloromethane
 Concen: 48.89 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	315607		
129	1.8	0.0	4.0	
130	73.4	58.8	88.2	





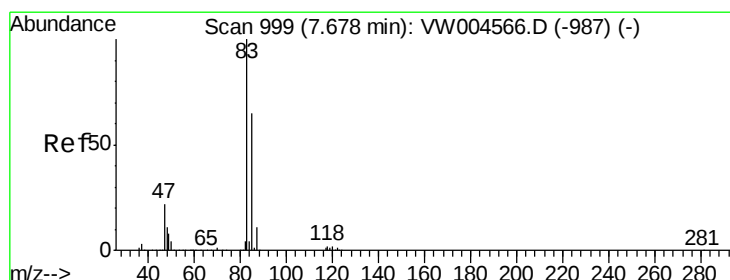
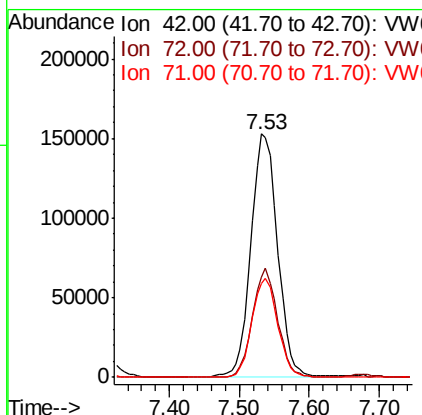
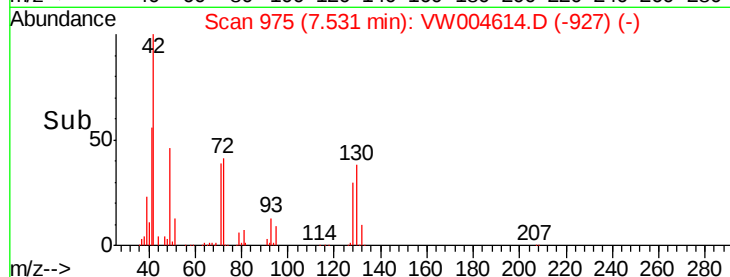
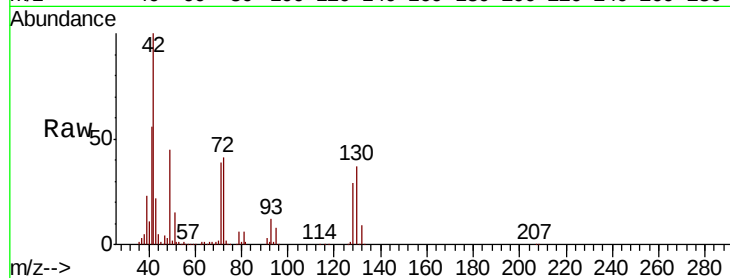
#29
Tetrahydrofuran
Concen: 257.77 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.1	51.1
71	39.4	32.5	48.7

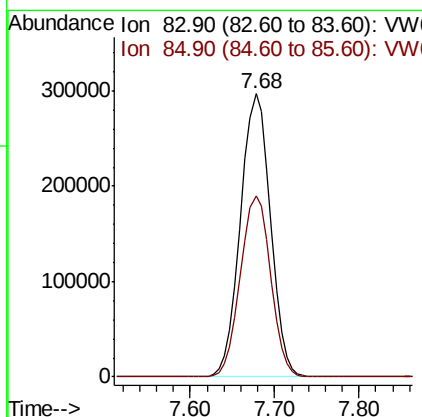
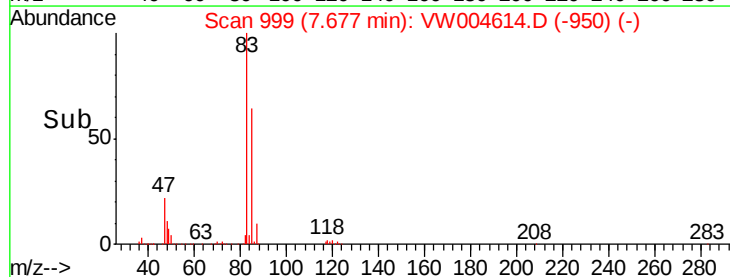
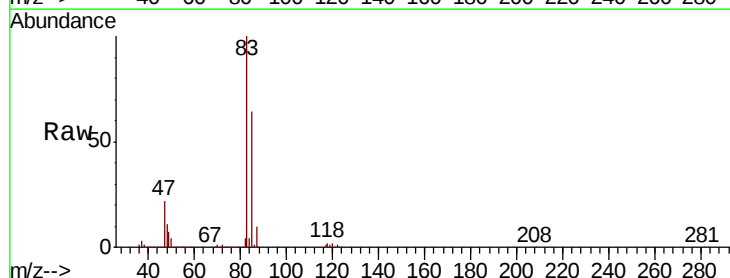
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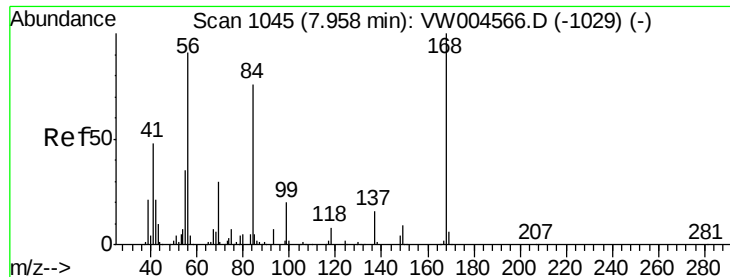
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#30
Chloroform
Concen: 48.98 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.3	76.9





#31

Cyclohexane

Concen: 47.01 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

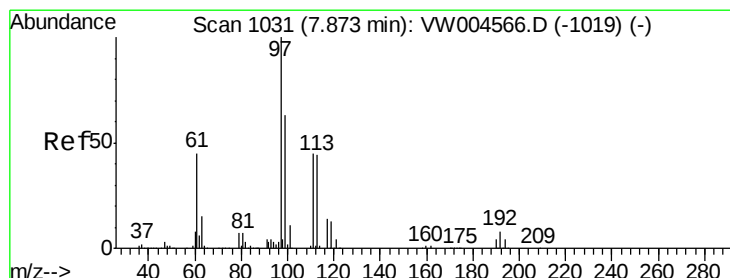
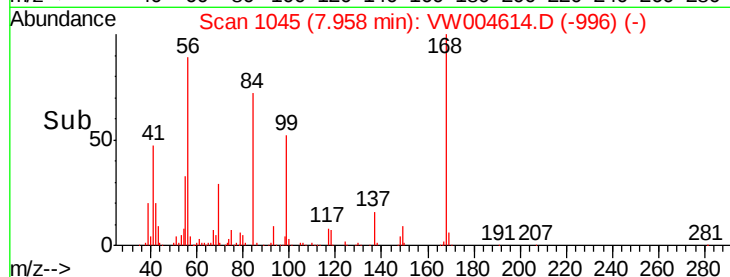
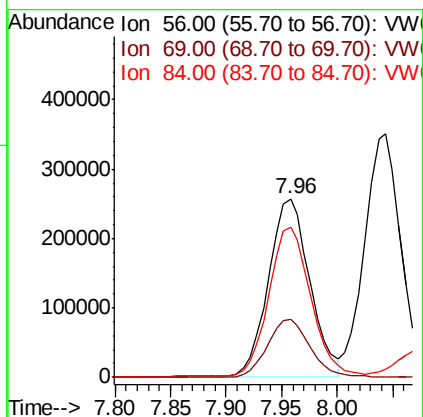
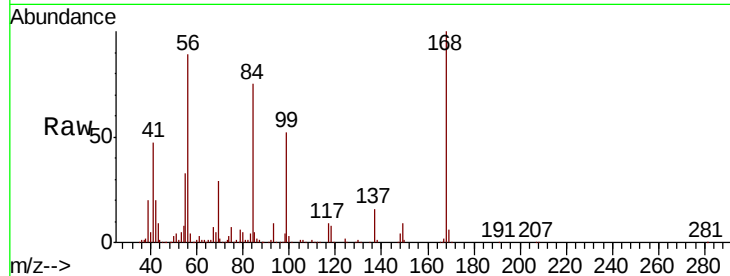
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	667427
Ion Ratio	Lower	Upper	
56	100		
69	32.6	26.4	39.6
84	83.3	66.9	100.3

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#32

1,1,1-Trichloroethane

Concen: 49.71 ug/l

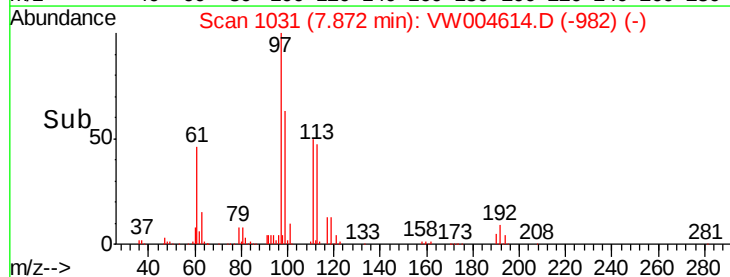
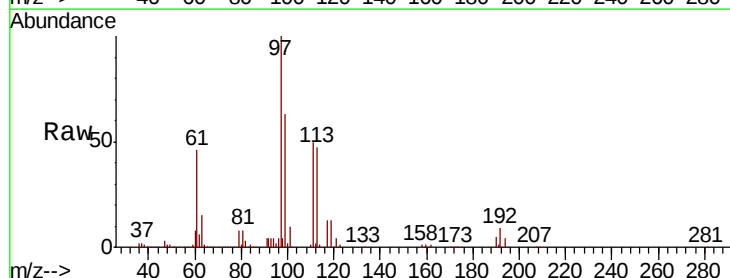
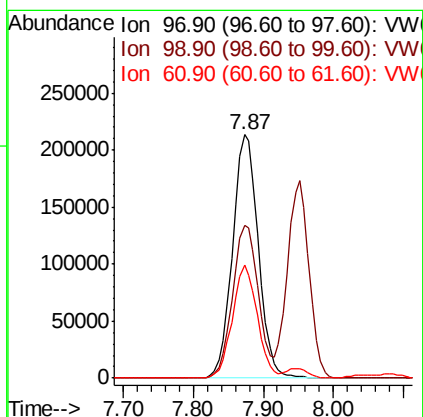
RT: 7.87 min Scan# 1031

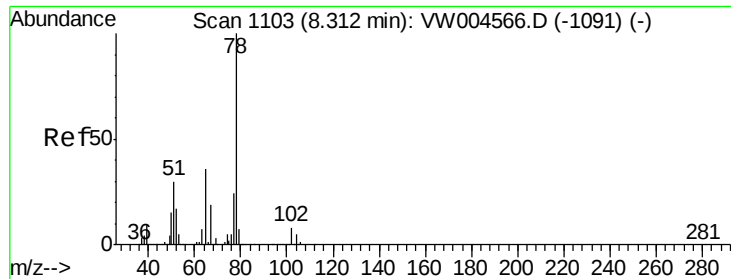
Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Tgt Ion:	97	Resp:	544227
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.6	77.4
61	44.8	35.7	53.5





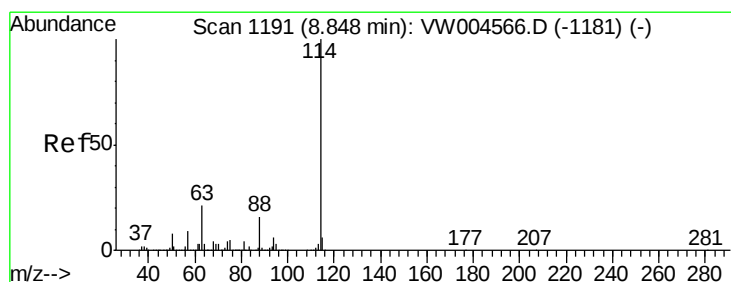
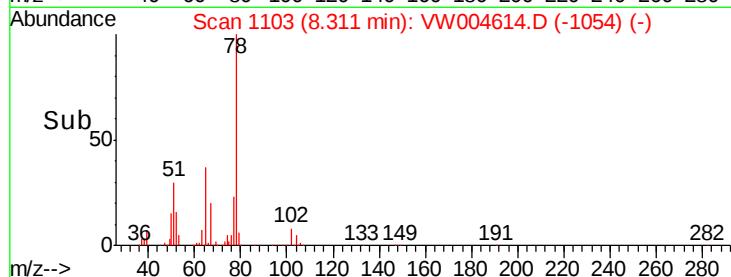
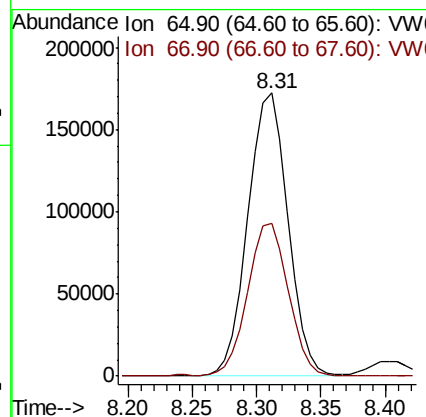
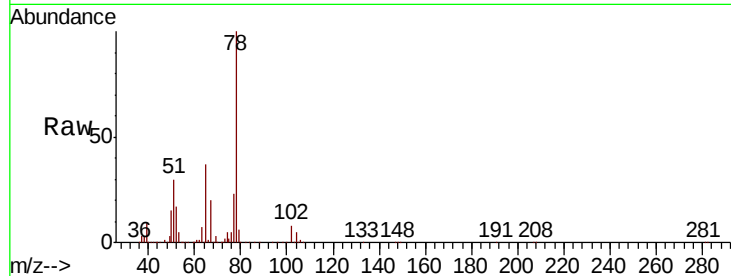
#33
 1,2-Dichloroethane-d4
 Concen: 49.07 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	371861		
67	55.0	0.0	109.0	

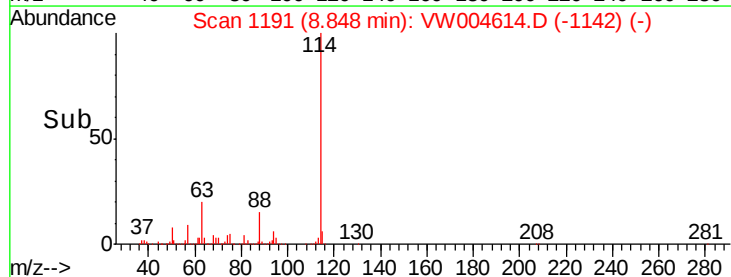
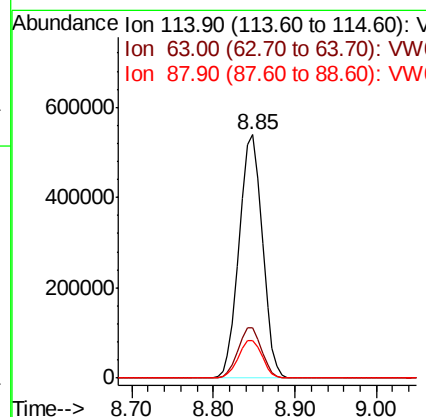
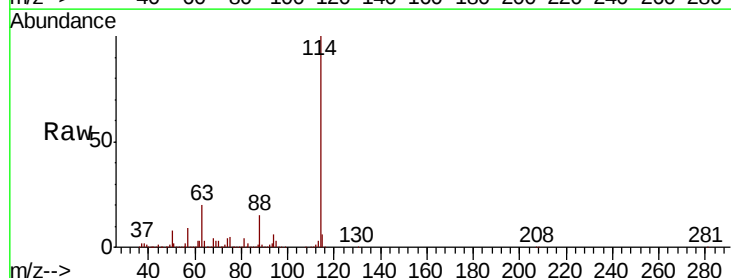
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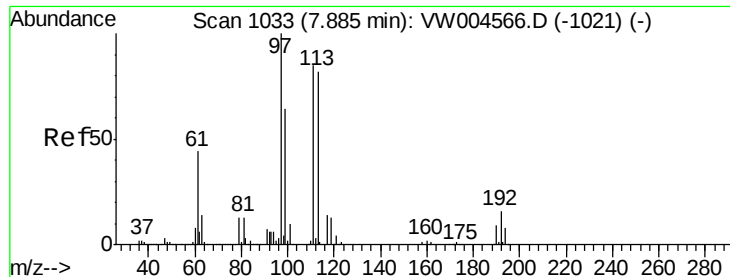
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1059888		
63	20.4	0.0	42.4	
88	15.4	0.0	31.2	





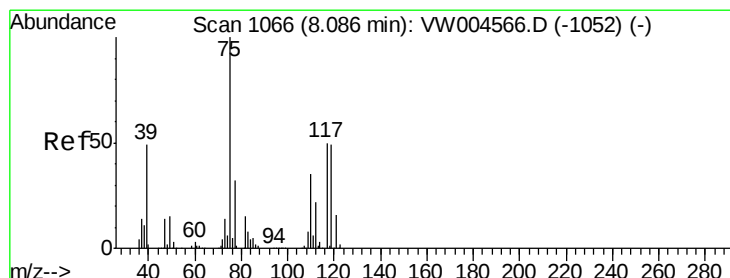
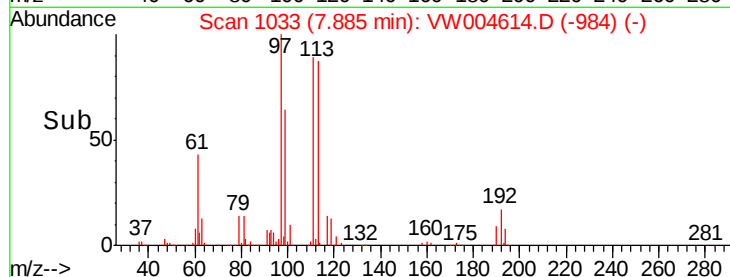
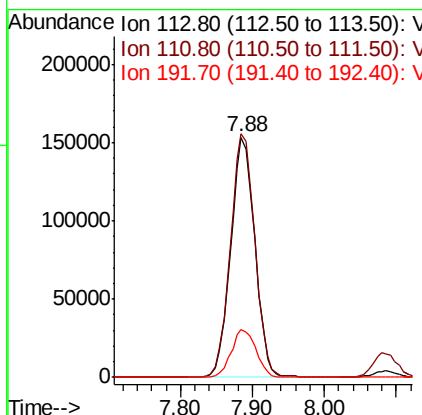
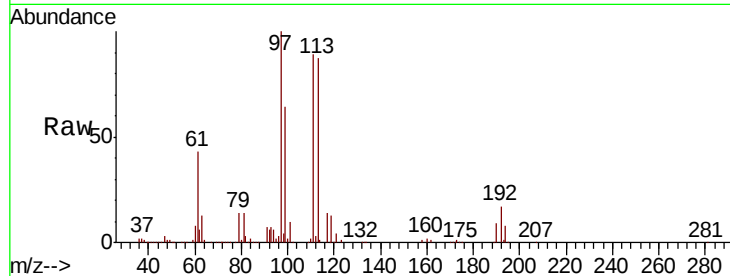
#35
 Dibromofluoromethane
 Concen: 50.46 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	20.5	15.8	23.6

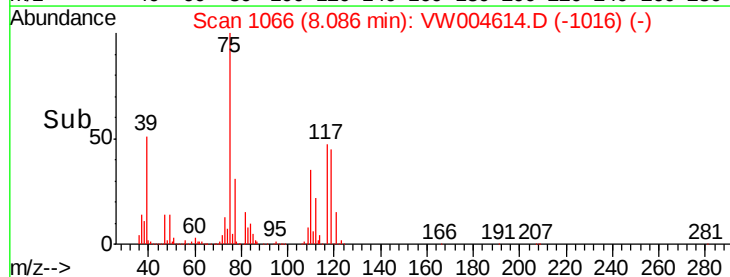
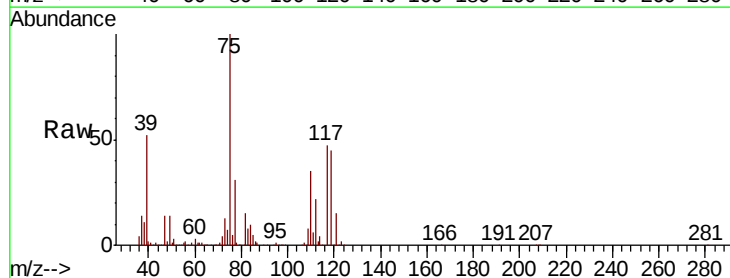
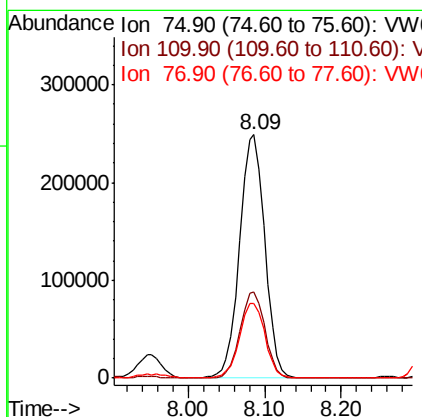
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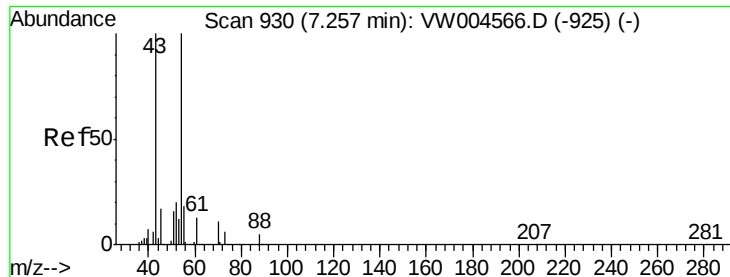
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#36
 1,1-Dichloropropene
 Concen: 49.82 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.4	52.2
77	31.5	24.7	37.1





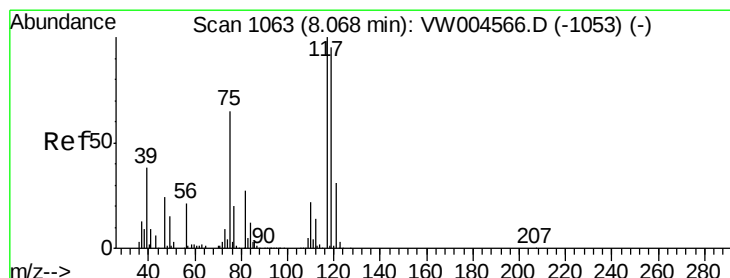
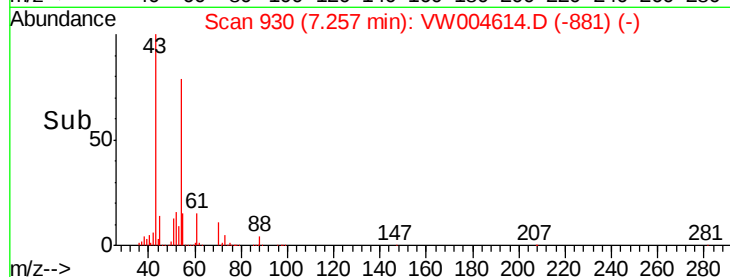
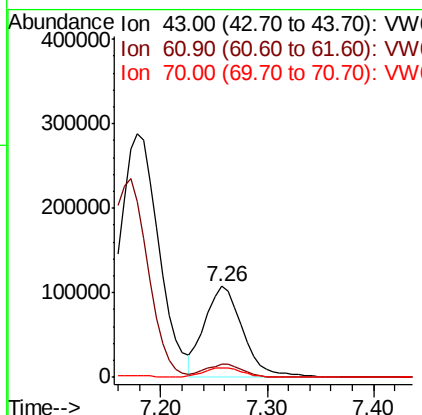
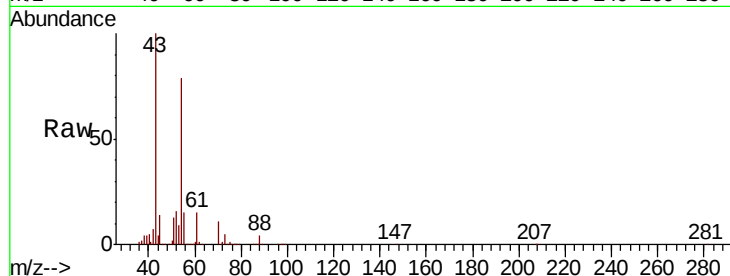
#37
Ethyl Acetate
Concen: 49.38 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	263921
Ion Ratio	Lower	Upper	
43	100		
61	14.7	11.9	17.9
70	10.5	8.2	12.4

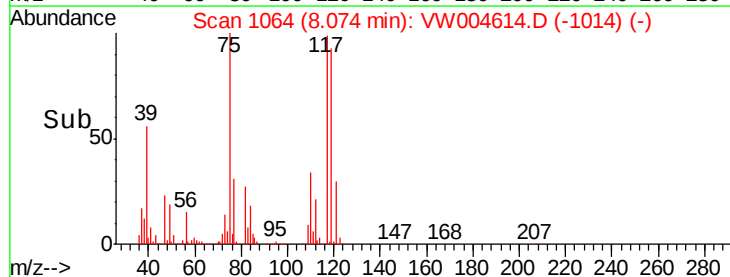
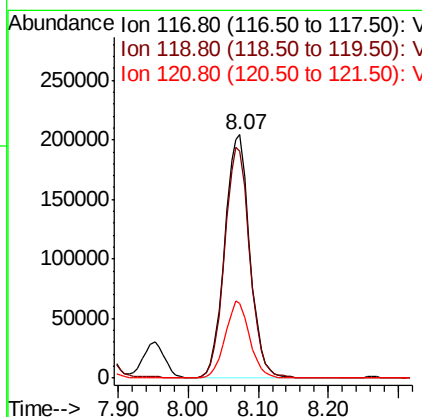
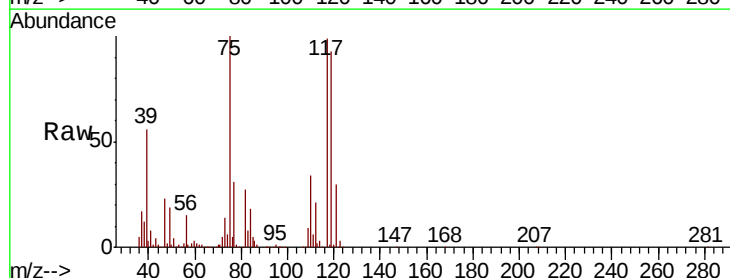
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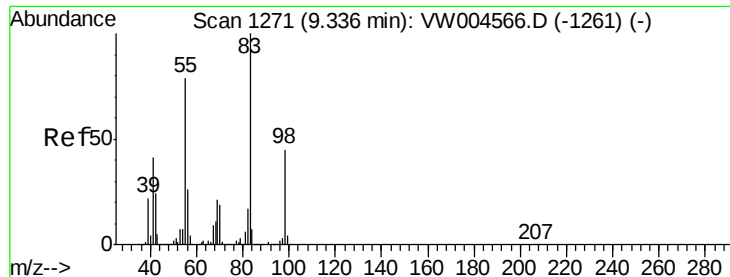
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#38
Carbon Tetrachloride
Concen: 49.49 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	117	Resp	508196
Ion Ratio	Lower	Upper	
117	100		
119	93.3	76.1	114.1
121	30.7	24.2	36.4





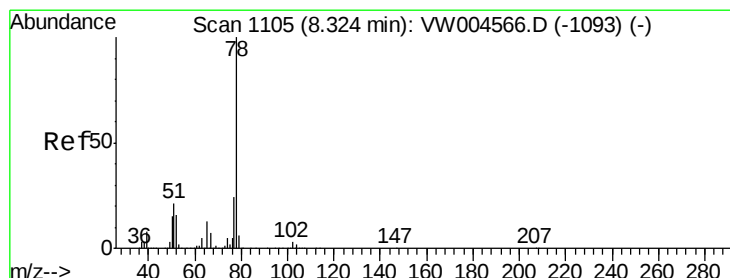
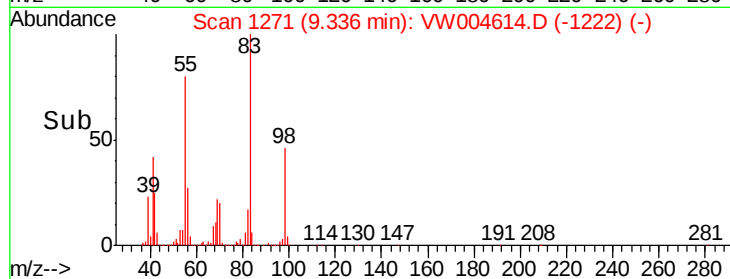
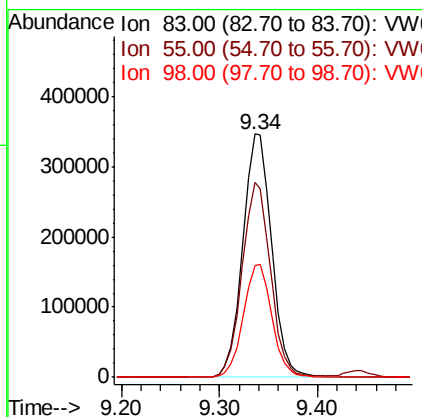
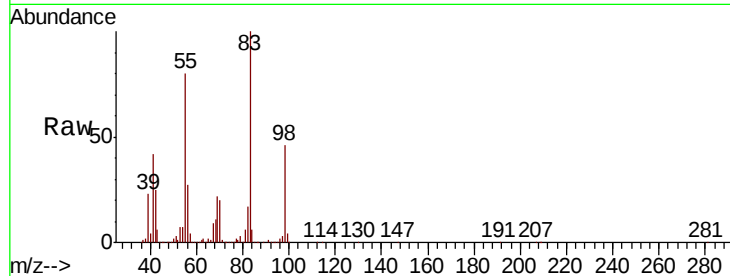
#39
Methvlcvclohexane
Concen: 50.70 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	62.5	93.7
98	46.0	35.4	53.2

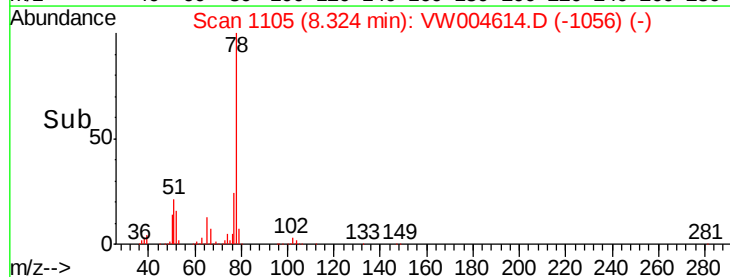
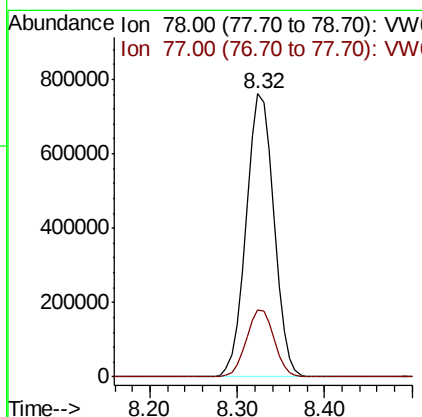
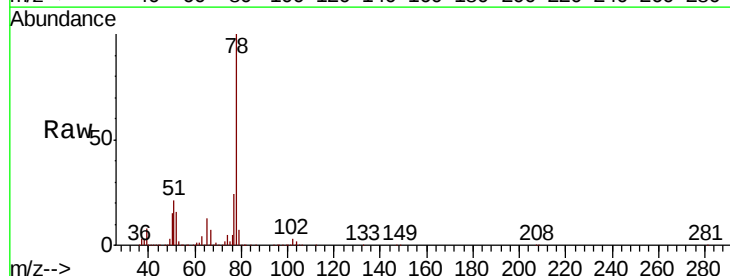
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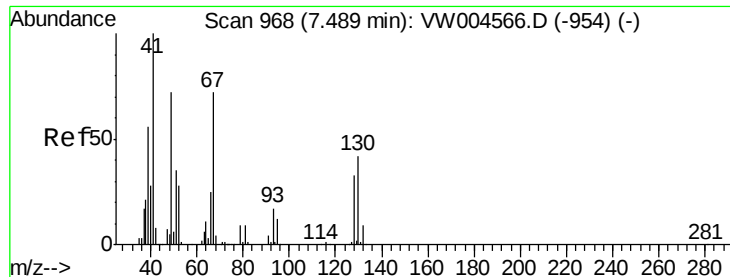
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#40
Benzene
Concen: 50.13 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





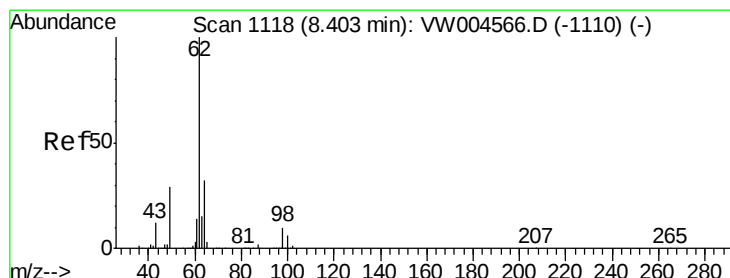
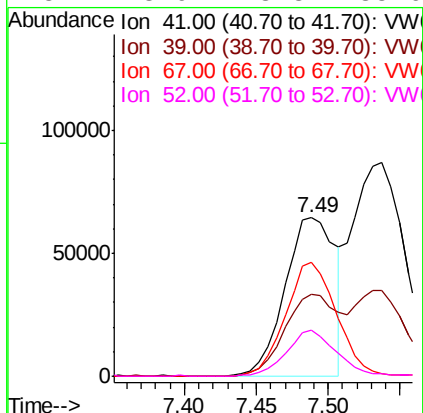
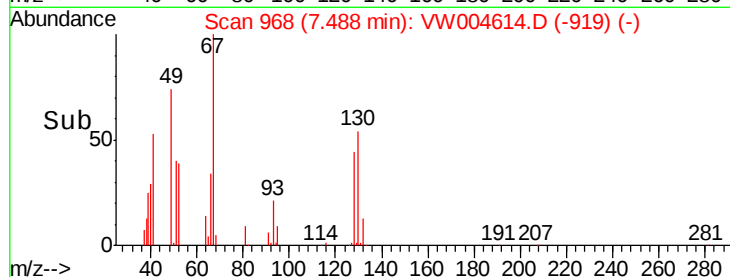
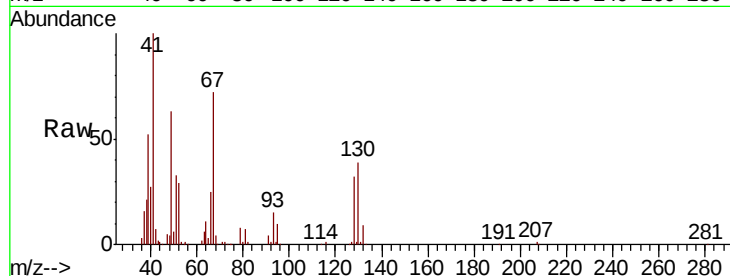
#41
Methacrylonitrile
Concen: 52.53 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.6	46.2	69.2
67	73.3	60.8	91.2
52	28.9	23.8	35.6

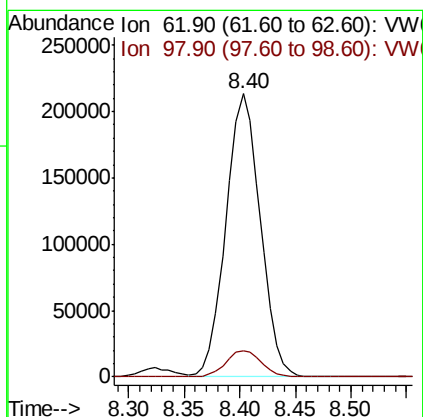
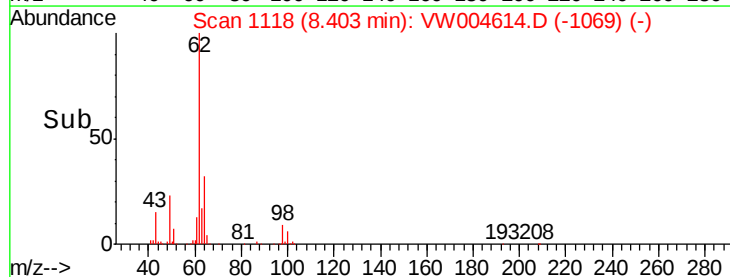
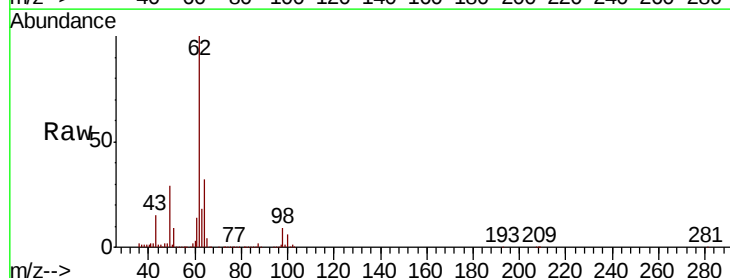
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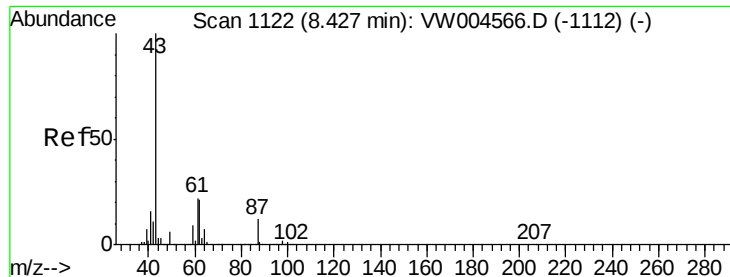
apatel
8/13/2018 12:57:18 PM



#42
1,2-Dichloroethane
Concen: 49.24 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6





#43

Isopropyl Acetate

Concen: 50.07 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

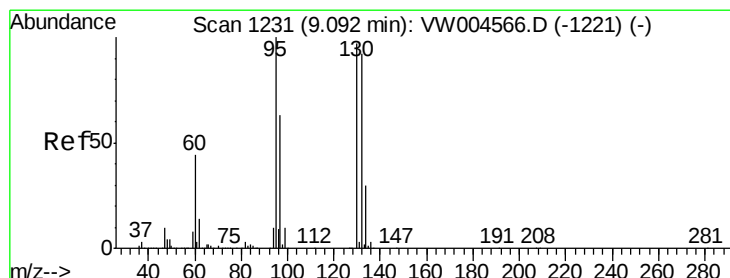
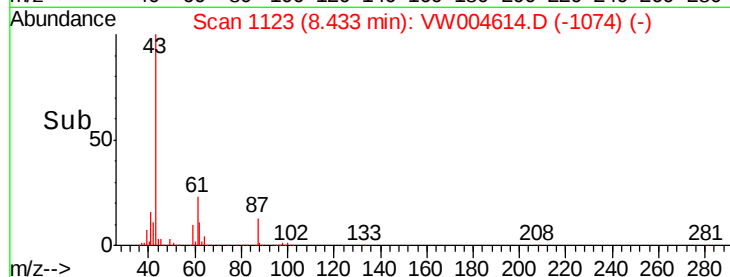
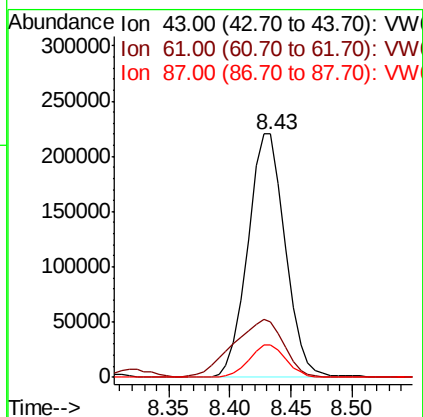
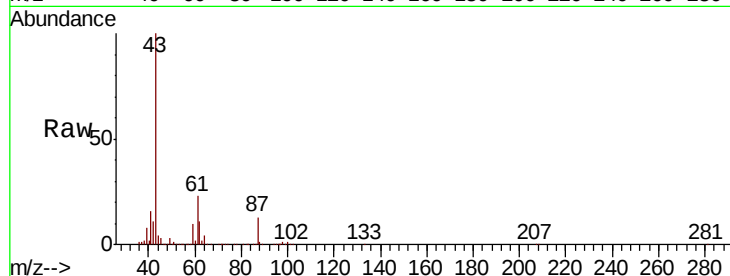
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	466491
Ion	Ratio	Lower	Upper
43	100		
61	32.2	25.2	37.8
87	13.3	10.6	16.0

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#44

Trichloroethene

Concen: 49.02 ug/l

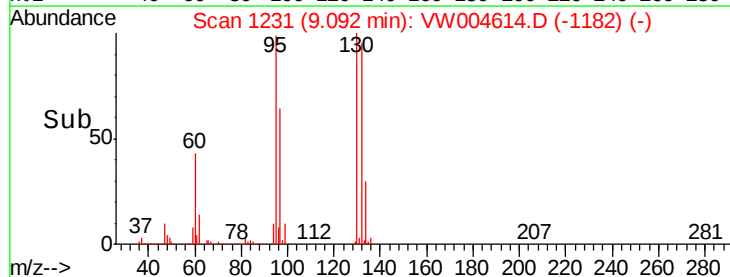
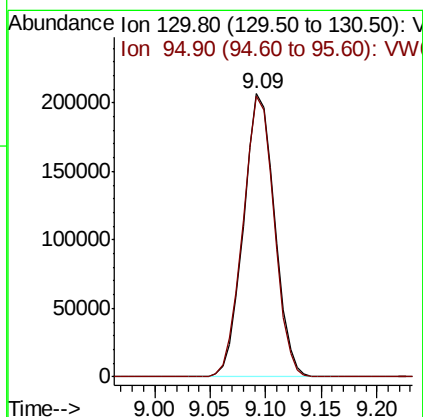
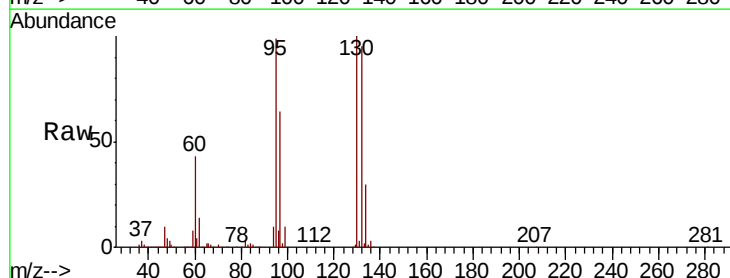
RT: 9.09 min Scan# 1231

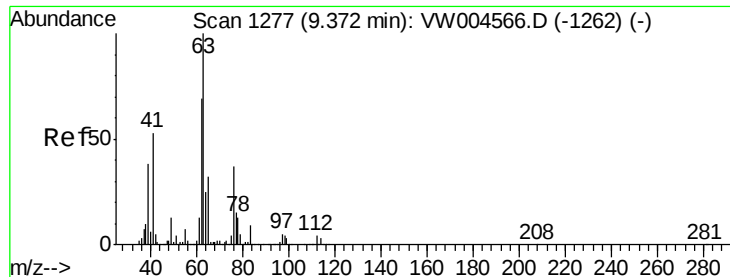
Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Tgt Ion:	130	Resp:	403703
Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	196.2





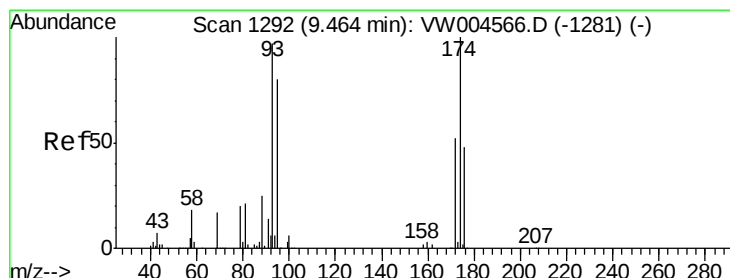
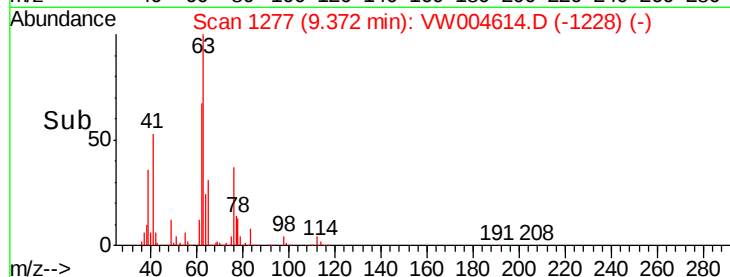
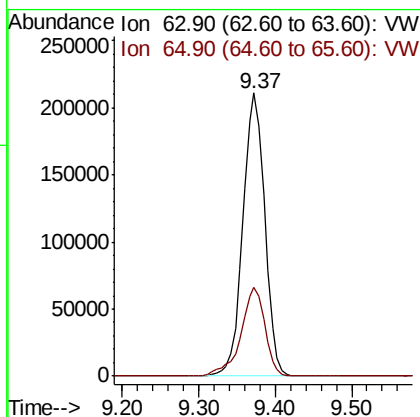
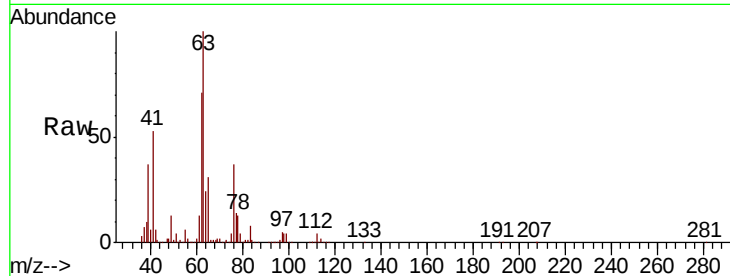
#45
 1,2-Dichloropropane
 Concen: 49.97 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.5	36.7

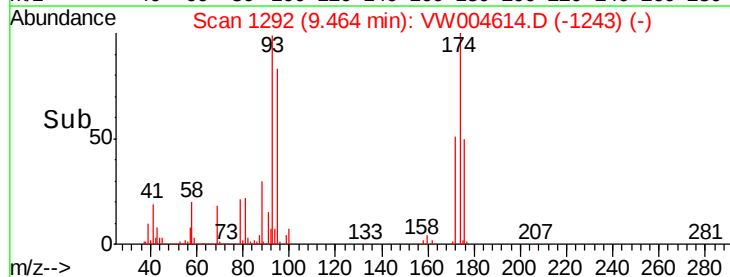
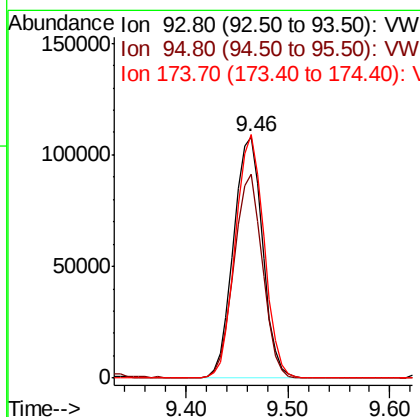
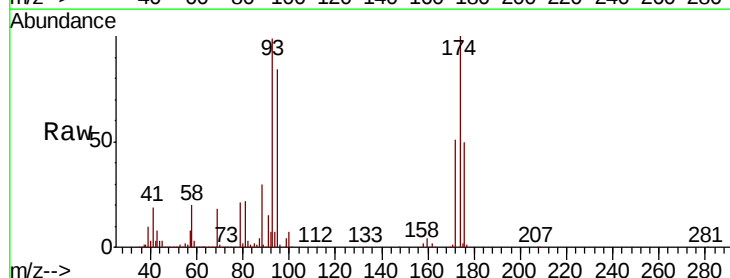
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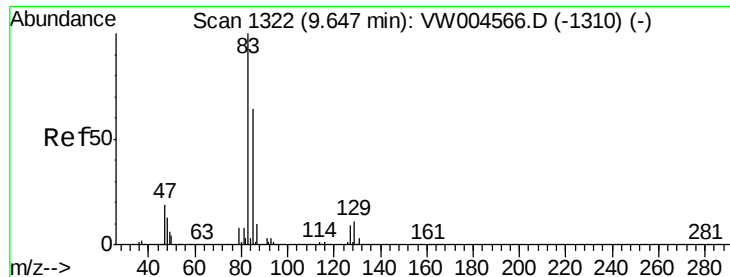
apatel
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#46
 Dibromomethane
 Concen: 49.74 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.0	100.4
174	99.7	80.2	120.4





#47

Bromodichloromethane

Concen: 49.36 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

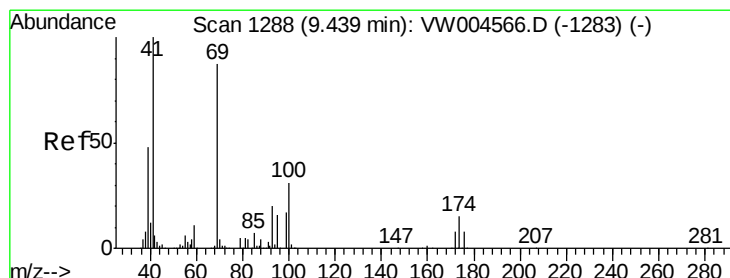
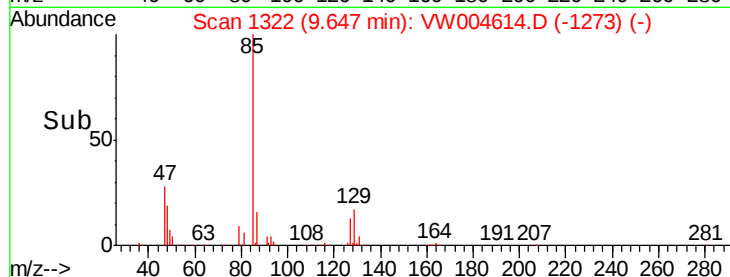
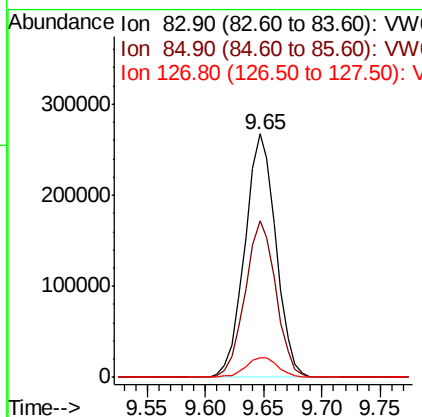
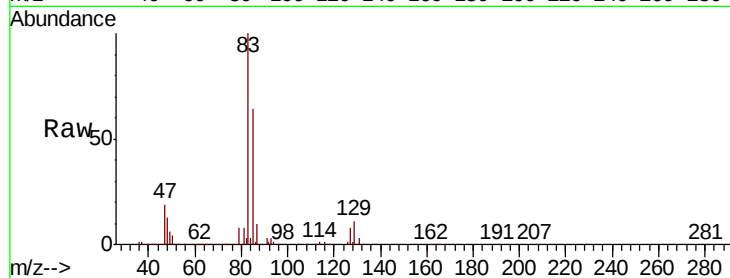
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	497761
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.7	76.1
127	8.1	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.54 ug/l

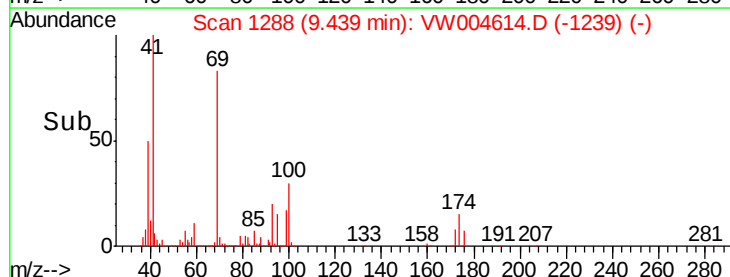
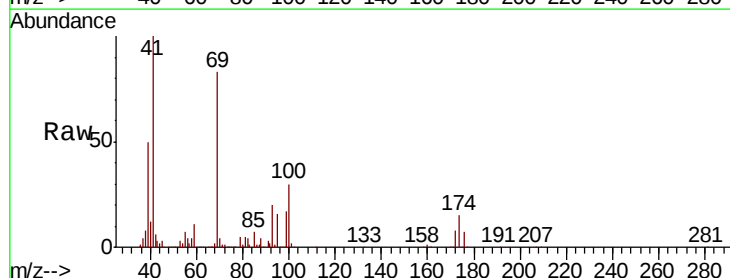
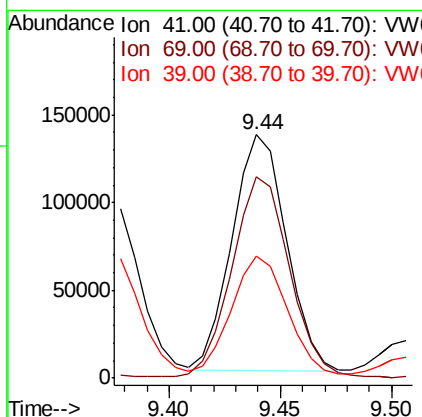
RT: 9.44 min Scan# 1288

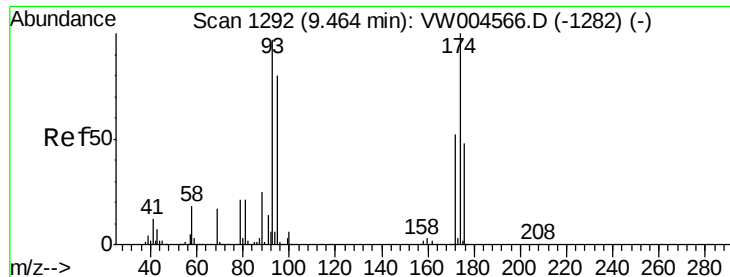
Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Tgt Ion:	41	Resp:	228791
Ion Ratio	Lower	Upper	
41	100		
69	91.0	73.2	109.8
39	50.3	40.6	60.8





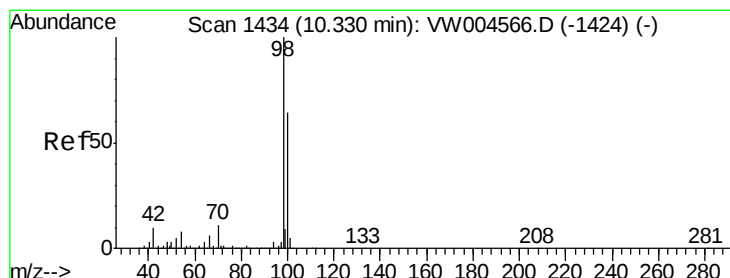
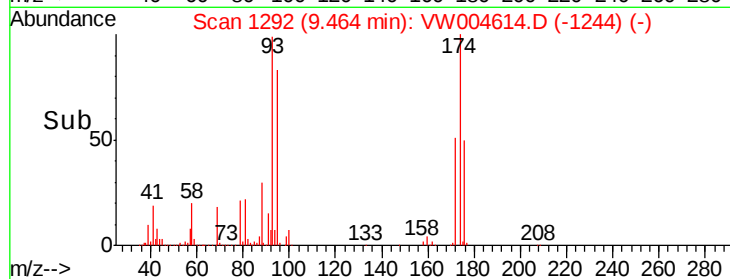
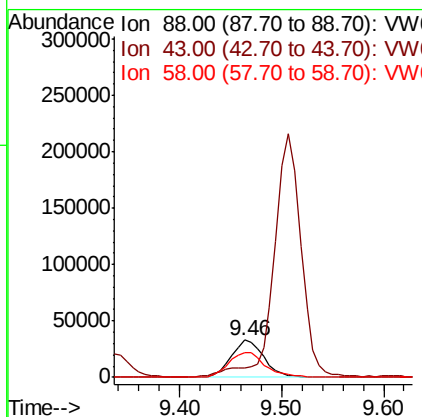
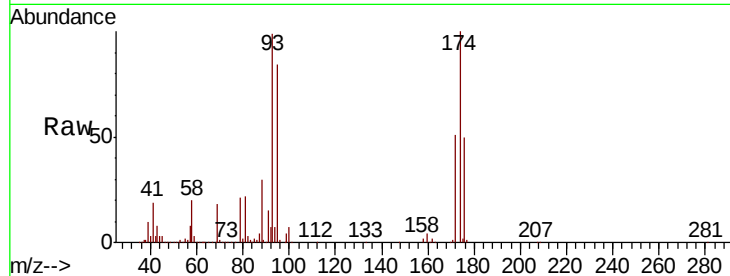
#49
1,4-Dioxane
Concen: 1120.82 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	73056
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.9	63.5	95.3

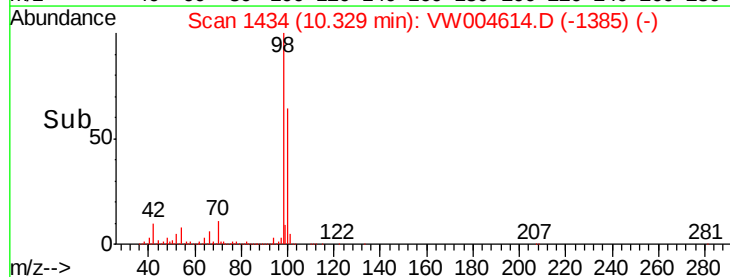
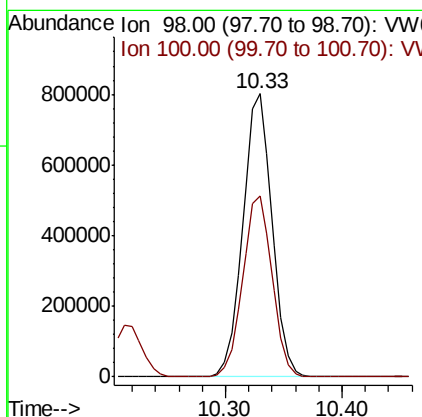
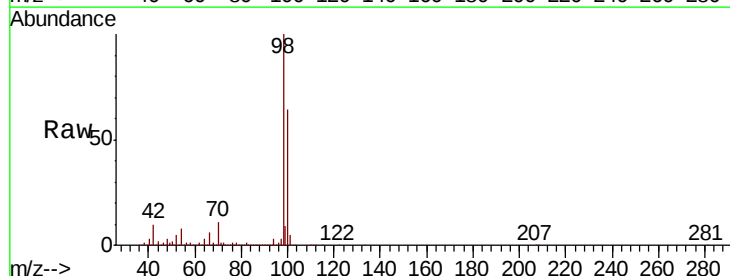
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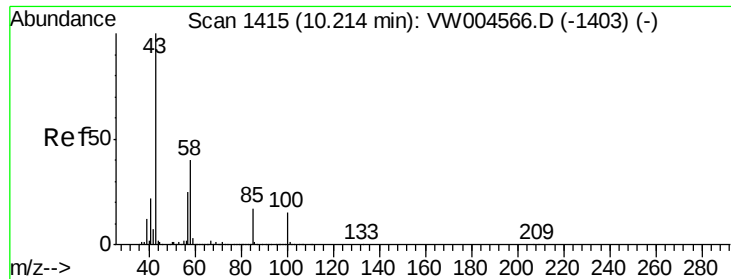
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#50
Toluene-d8
Concen: 51.69 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	98	Resp	1392739
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 263.14 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1706489

Ion Ratio Lower Upper

43 100

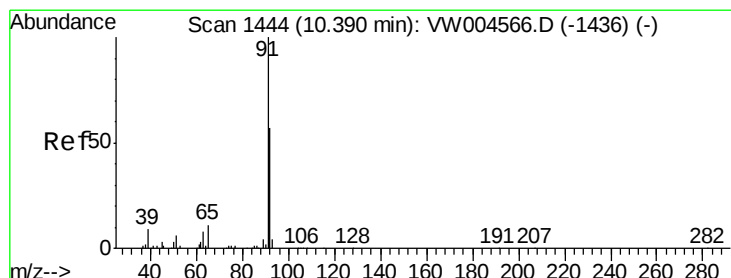
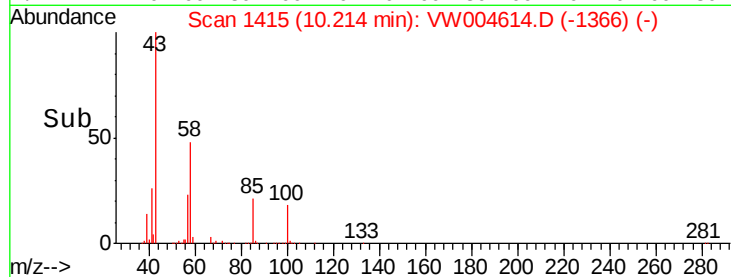
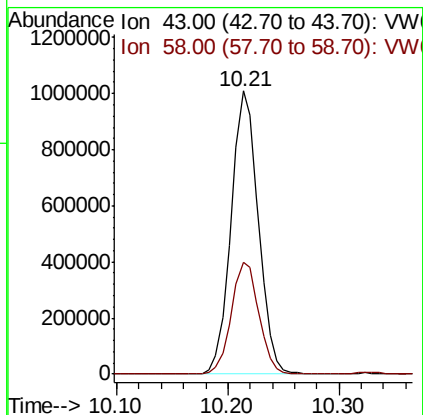
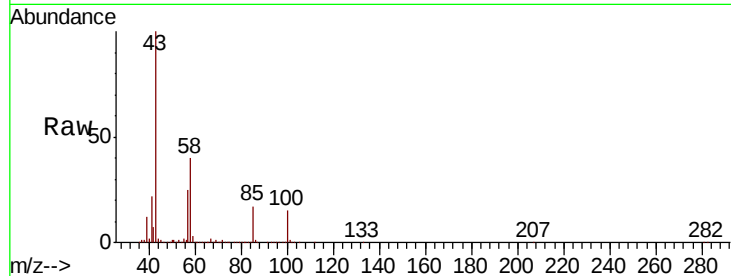
58 40.0 31.9 47.9

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#52

Toluene

Concen: 50.82 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004614.D

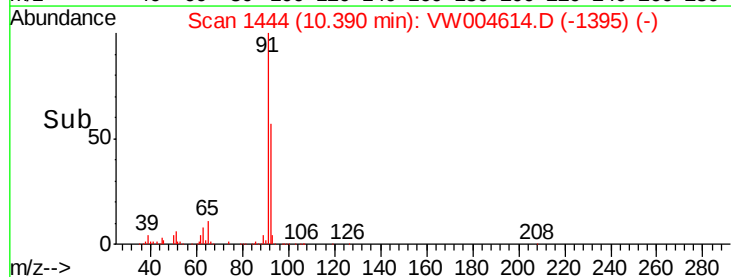
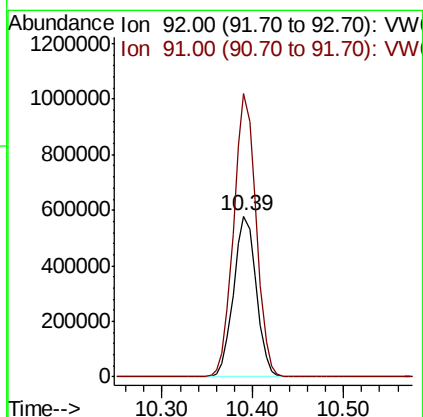
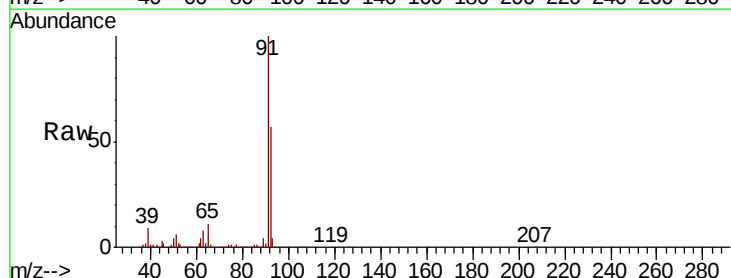
Acq: 10 Aug 2018 23:51

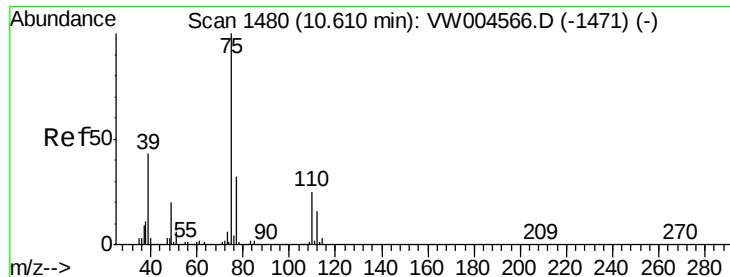
Tgt Ion: 92 Resp: 1004349

Ion Ratio Lower Upper

92 100

91 174.2 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 49.34 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 499598

Ion Ratio Lower Upper

75 100

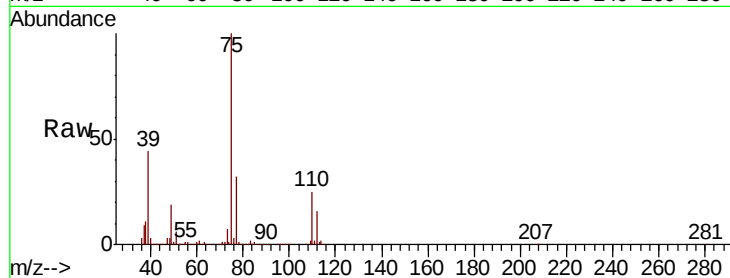
77 31.5 25.1 37.7

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

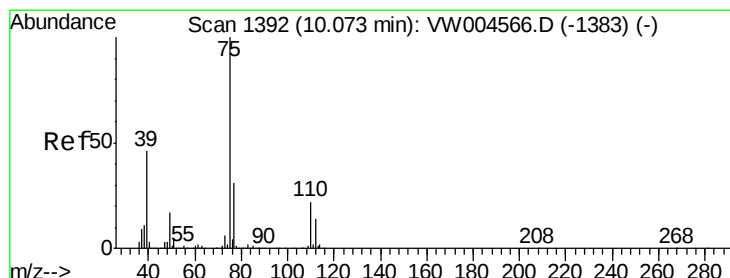
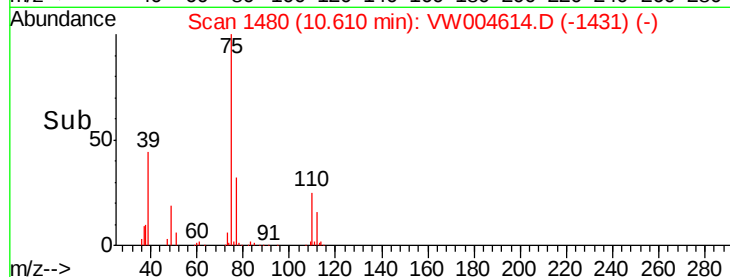
300000

200000

100000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.25 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

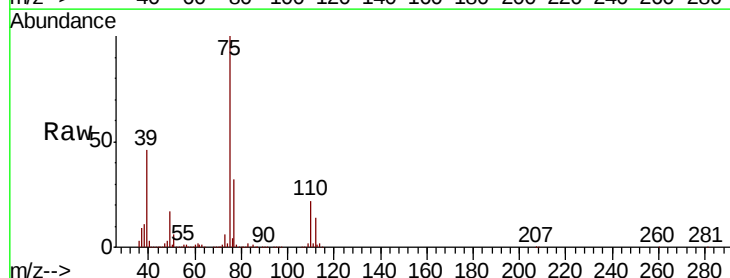
Tgt Ion: 75 Resp: 593020

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 46.2 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

400000

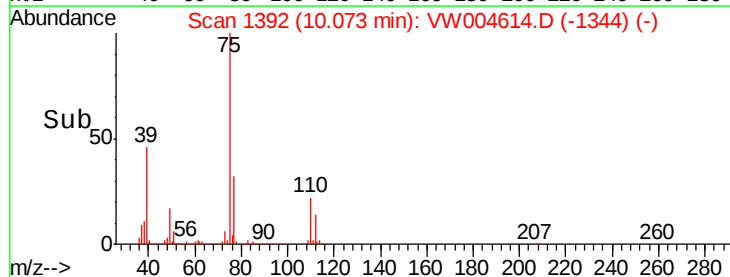
300000

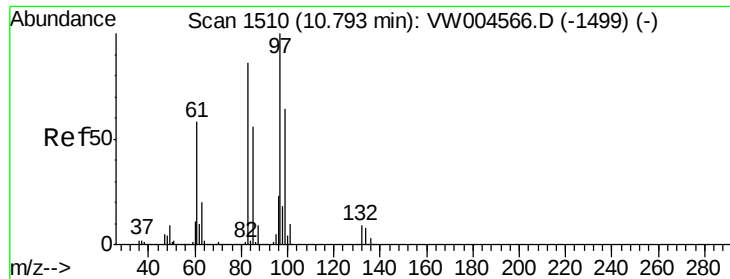
200000

100000

0

Time--> 10.00 10.10





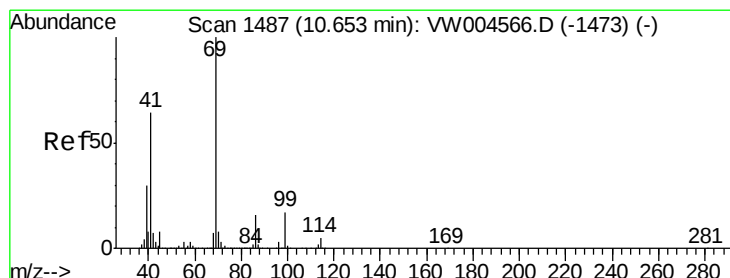
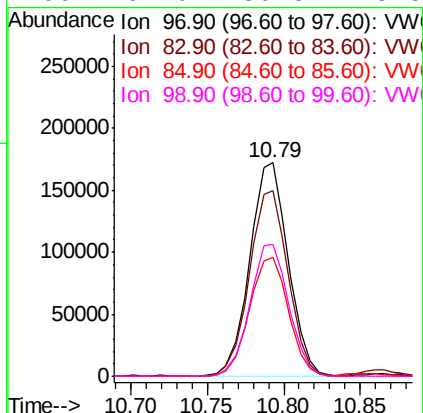
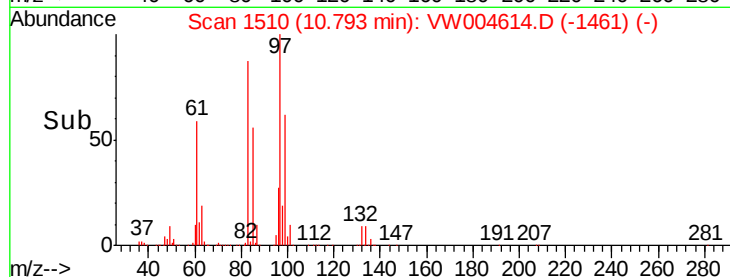
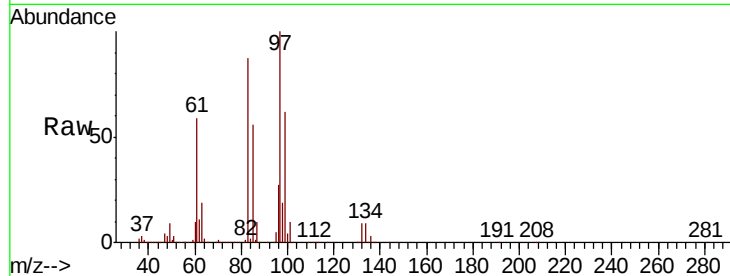
#55
 1,1,2-Trichloroethane
 Concen: 49.10 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		300653		
83	86.8	69.8	104.8		
85	56.0	45.1	67.7		
99	62.0	50.3	75.5		

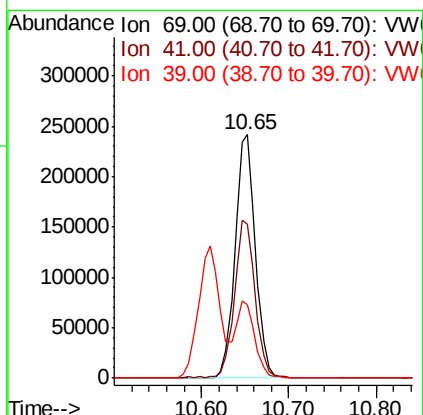
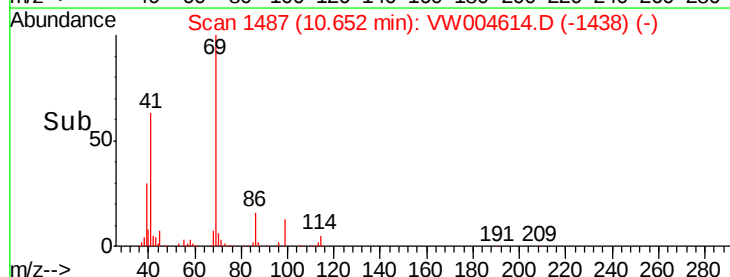
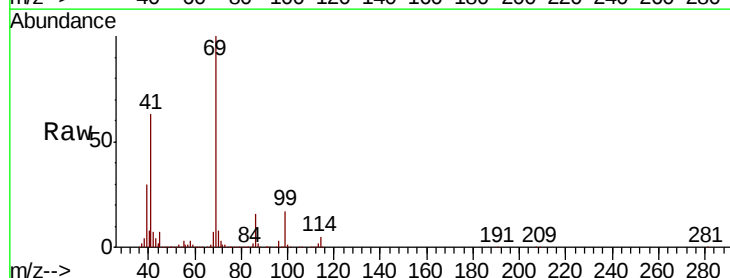
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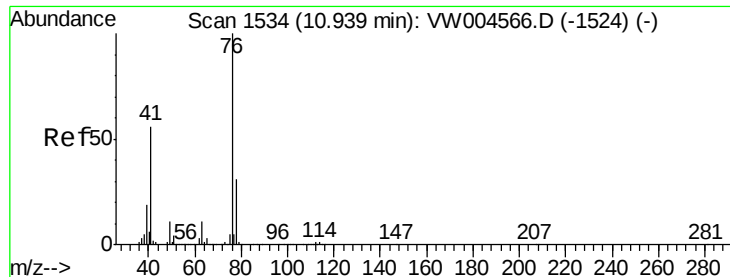
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#56
 Ethyl methacrylate
 Concen: 53.56 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		392671		
41	65.3	52.4	78.6		
39	27.7	22.7	34.1		





#57

1,3-Dichloropropane

Concen: 49.97 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 527373

Ion Ratio Lower Upper

76 100

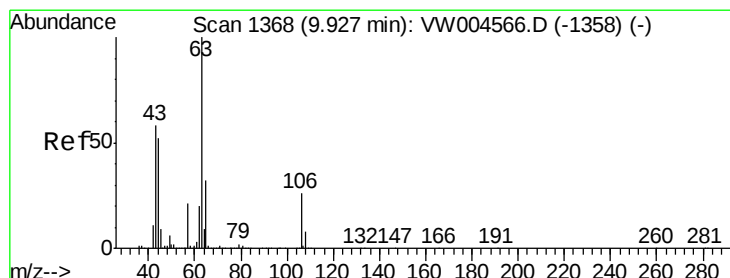
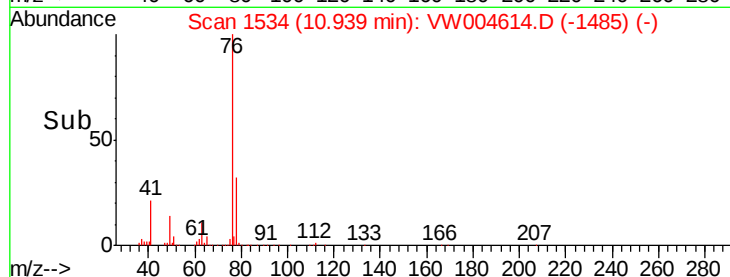
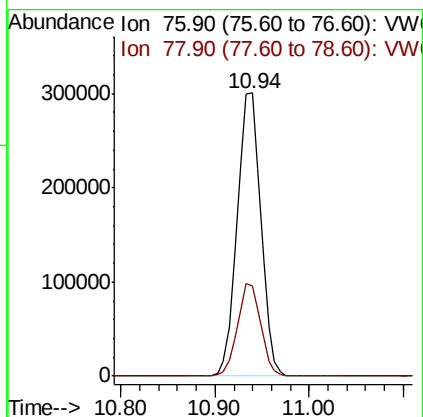
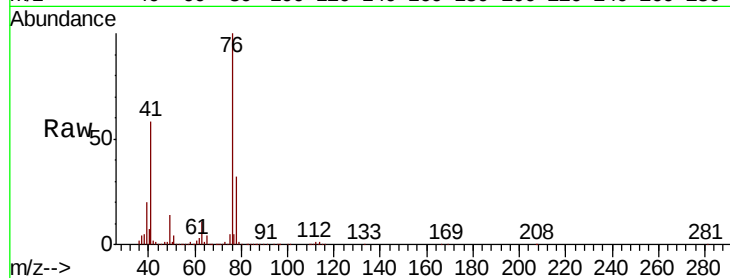
78 32.1 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 256.58 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004614.D

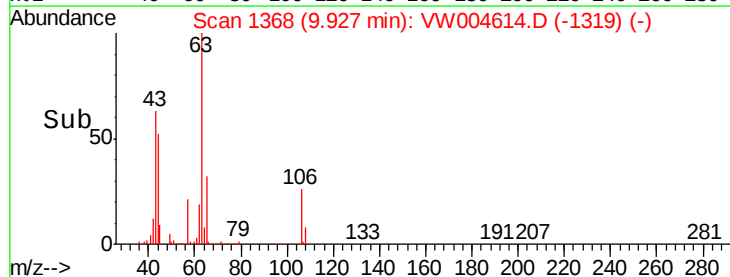
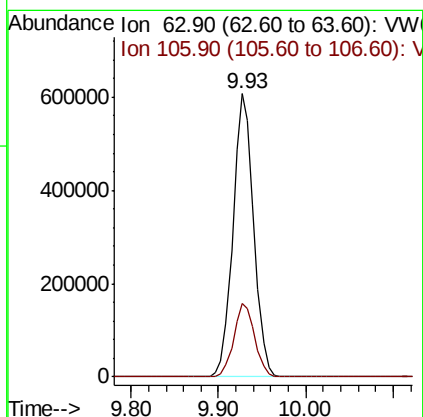
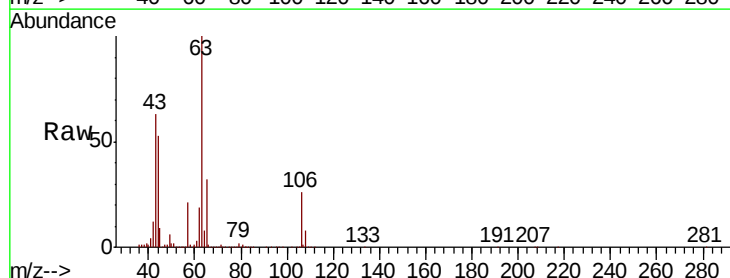
Acq: 10 Aug 2018 23:51

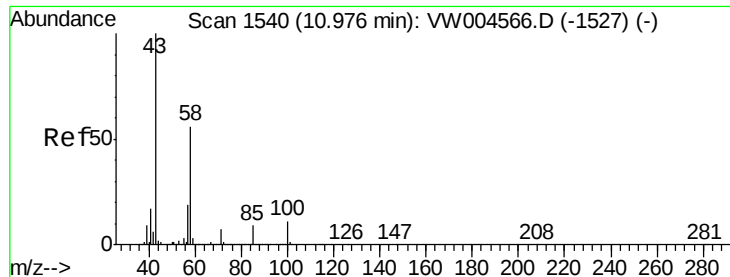
Tgt Ion: 63 Resp: 999946

Ion Ratio Lower Upper

63 100

106 26.2 21.3 31.9





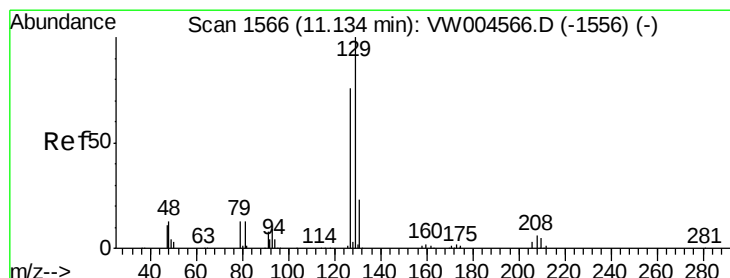
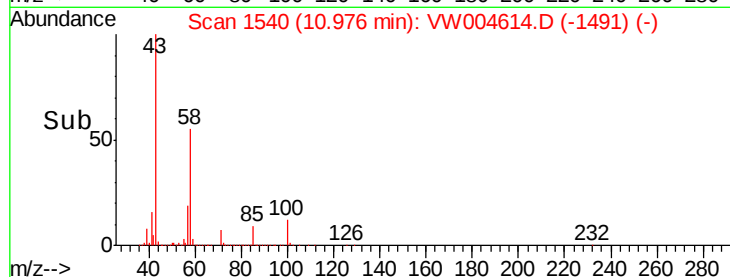
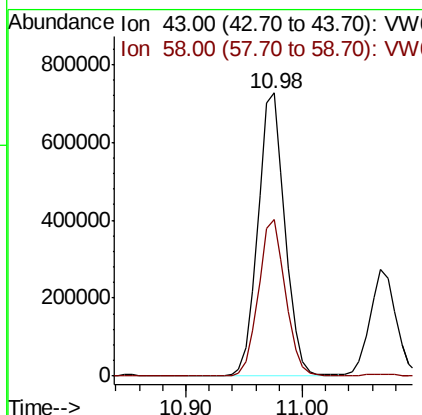
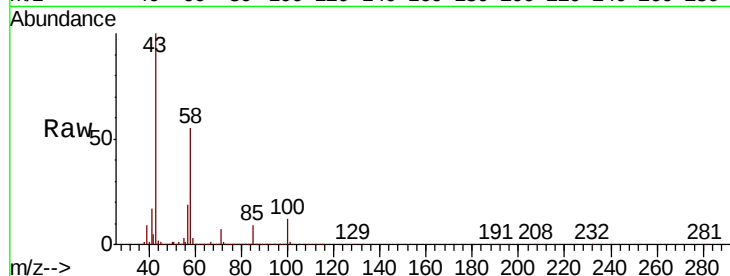
#59
2-Hexanone
Concen: 265.38 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1166837
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.6

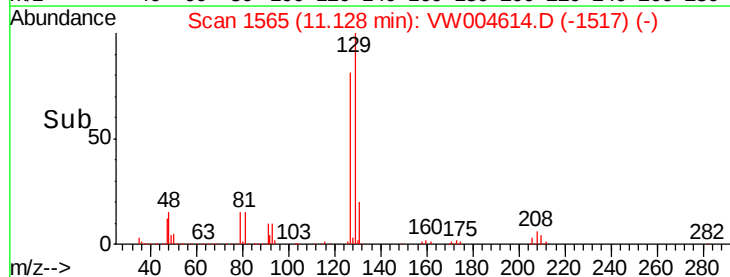
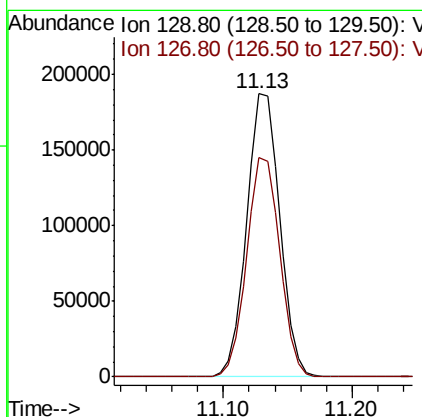
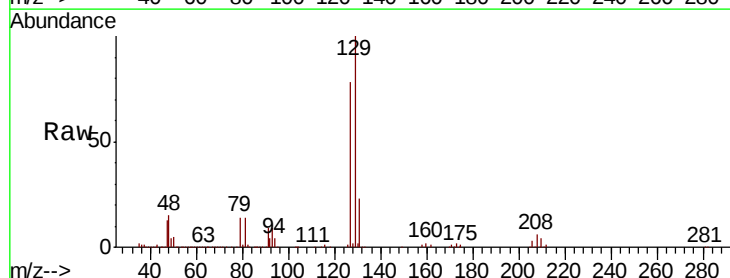
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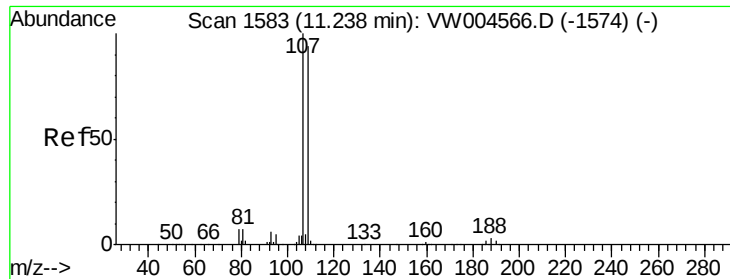
apatel
8/13/2018 12:57:18 PM



#60
Dibromochloromethane
Concen: 49.79 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion: 129 Resp: 331632
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





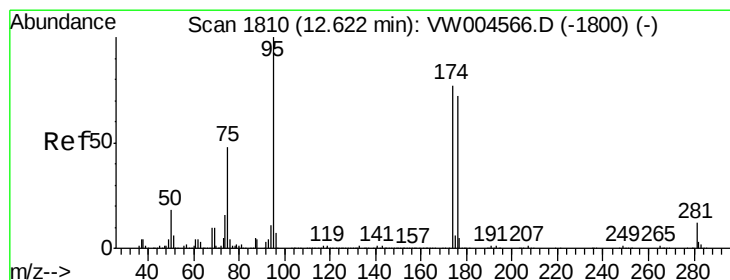
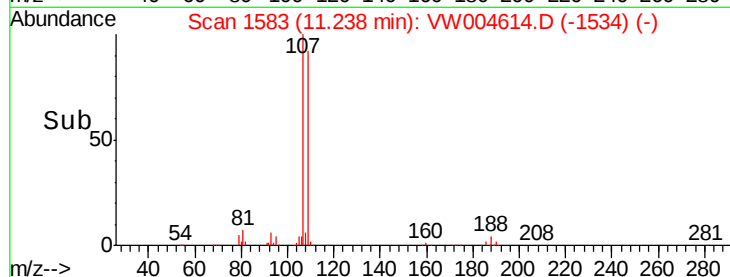
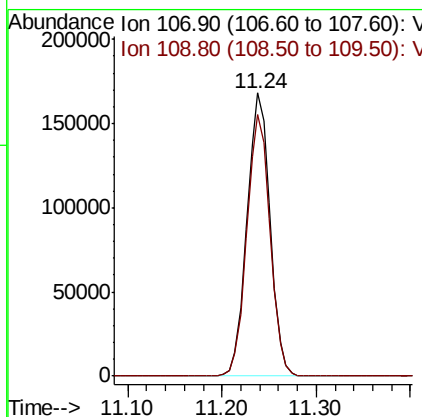
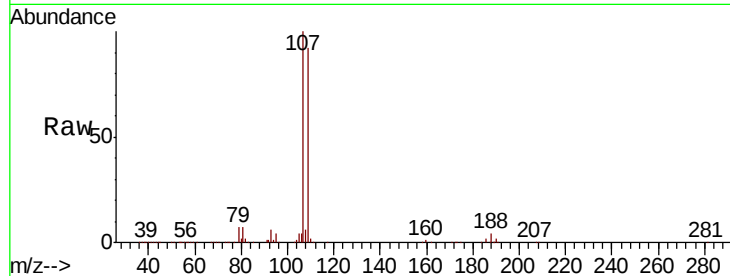
#61
 1,2-Dibromoethane
 Concen: 50.03 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.7	113.5

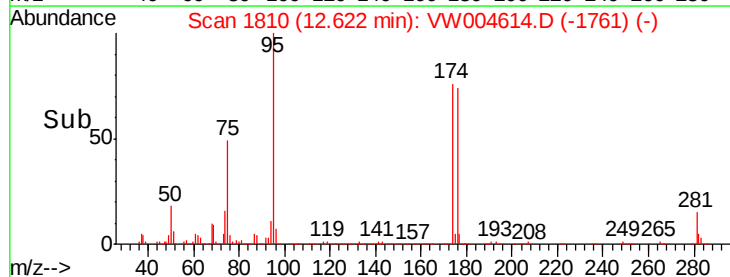
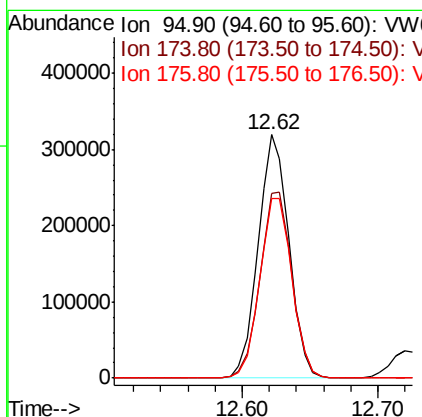
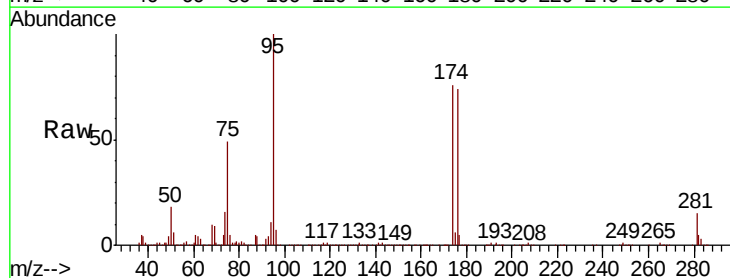
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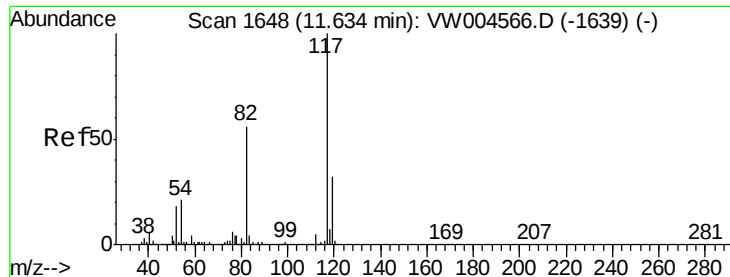
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.30 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	160.4
176	77.2	0.0	153.2





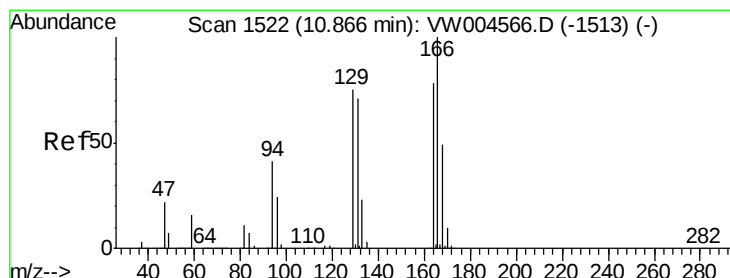
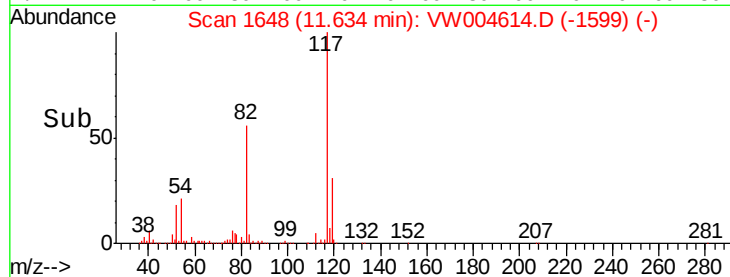
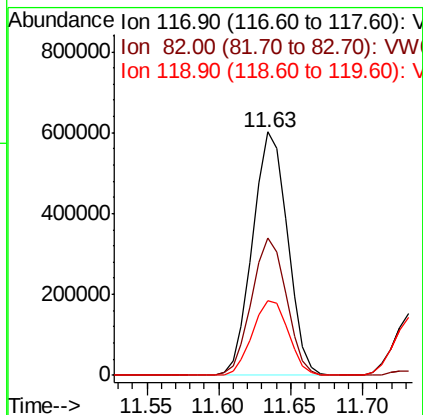
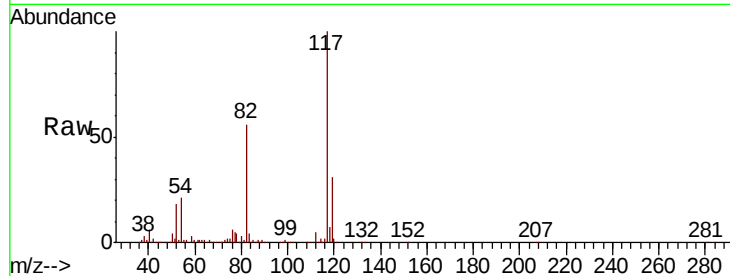
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.3	67.9
119	30.9	26.2	39.4

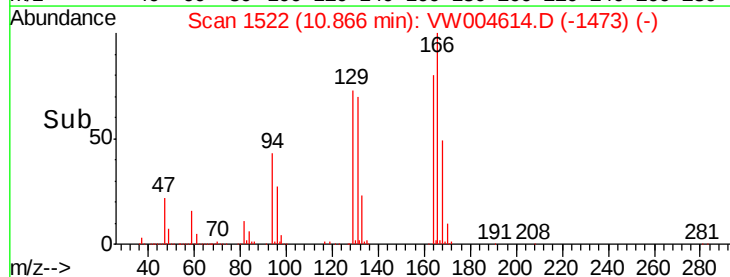
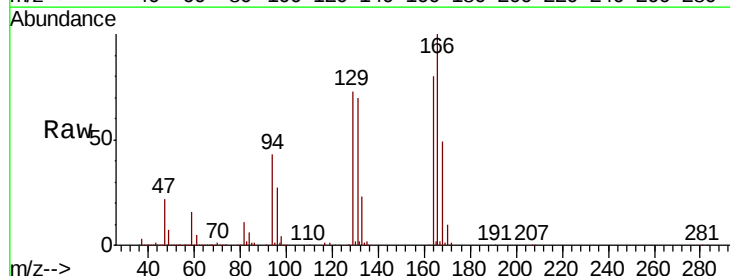
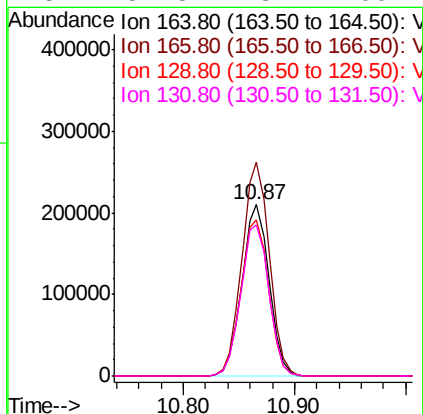
Manual Integrations
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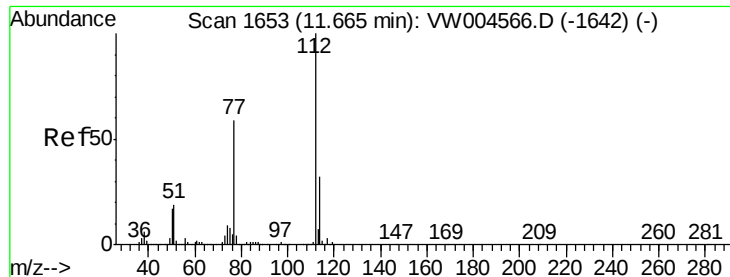
apatel
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#64
Tetrachloroethene
Concen: 50.42 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	98.4	147.6
129	91.0	73.6	110.4
131	87.8	73.1	109.7





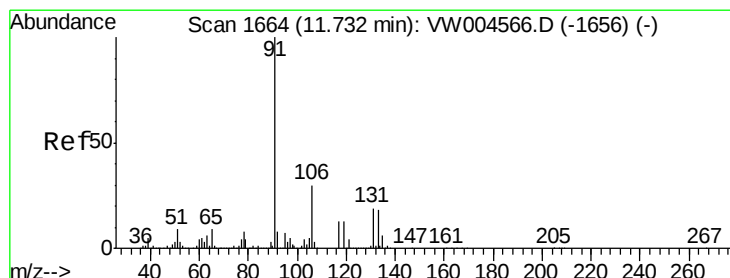
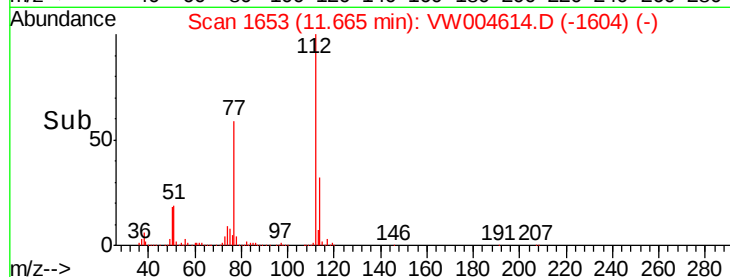
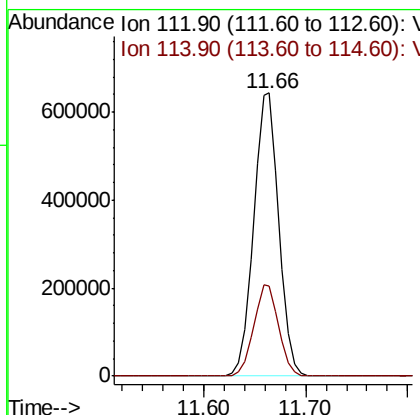
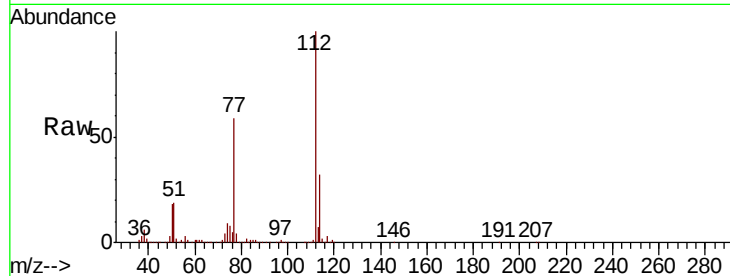
#65
Chlorobenzene
Concen: 49.65 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1105594
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

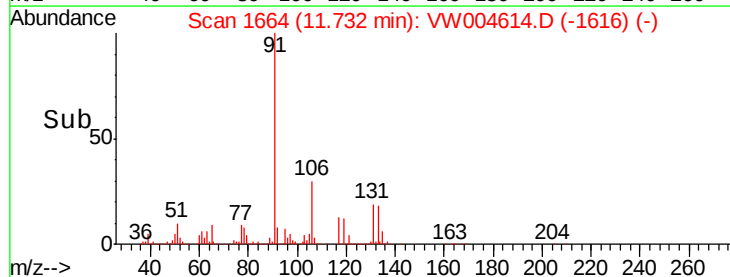
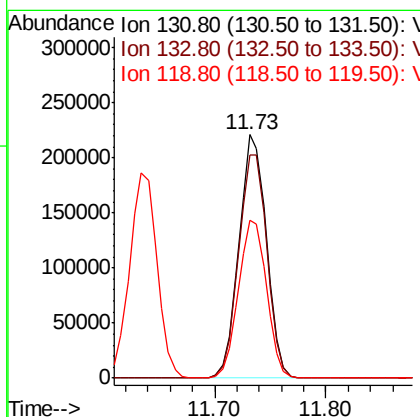
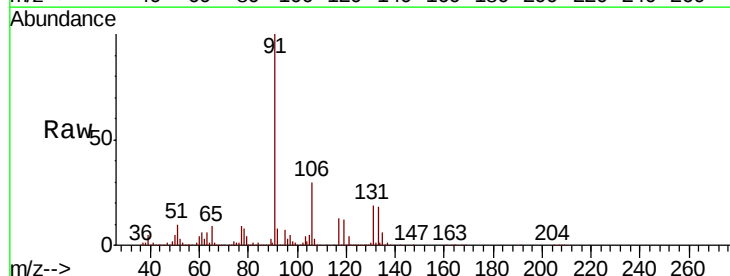
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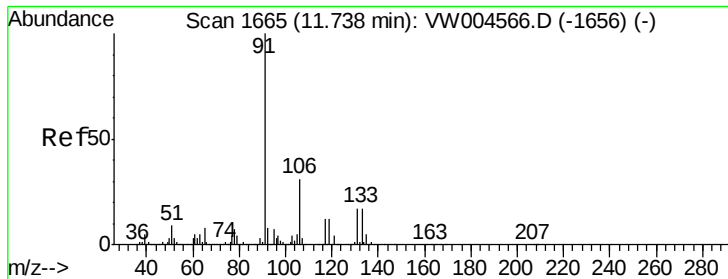
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.64 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion:131 Resp: 376278
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.4
119 66.8 33.9 101.7





#67

Ethyl Benzene

Concen: 51.58 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1947029

Ion Ratio Lower Upper

91 100

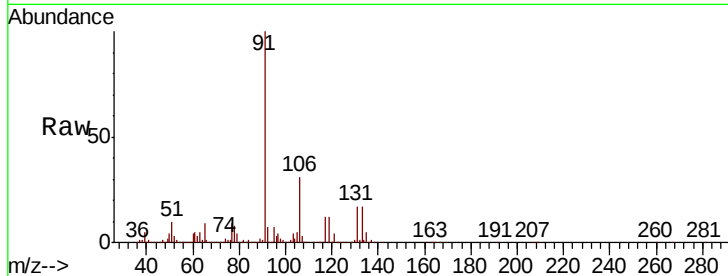
106 31.4 24.2 36.2

Manual Integrations

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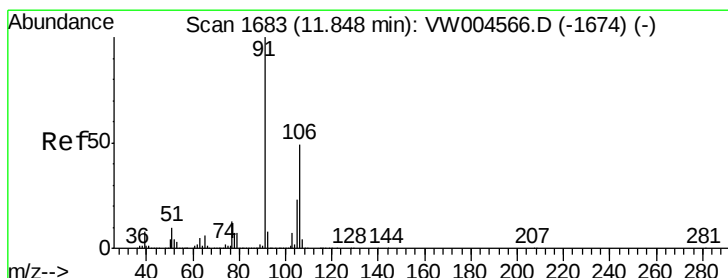
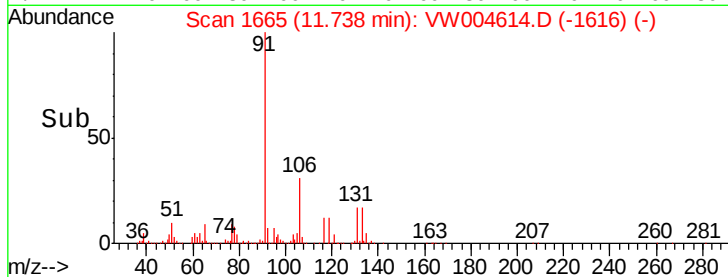
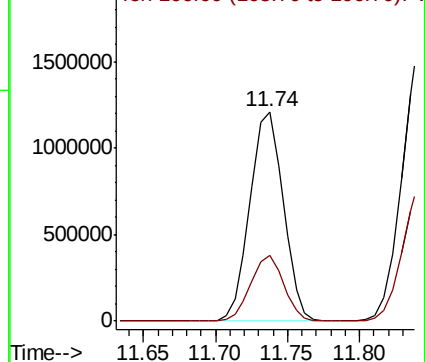
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 103.41 ug/l

RT: 11.84 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW004614.D

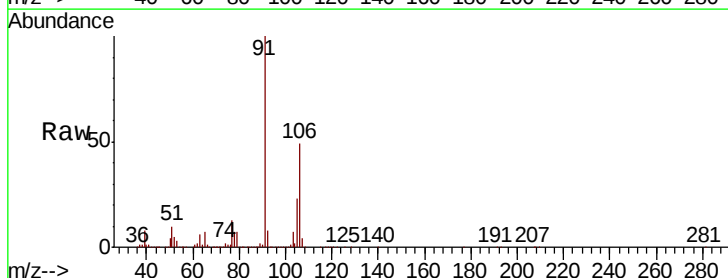
Acq: 10 Aug 2018 23:51

Tgt Ion: 106 Resp: 1508420

Ion Ratio Lower Upper

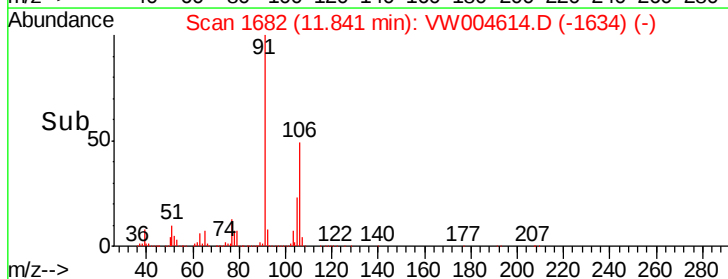
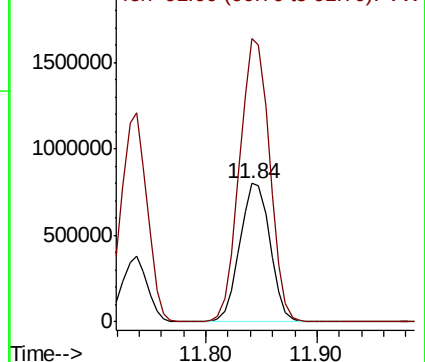
106 100

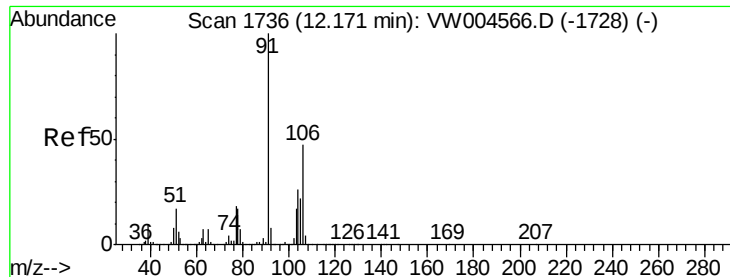
91 203.1 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





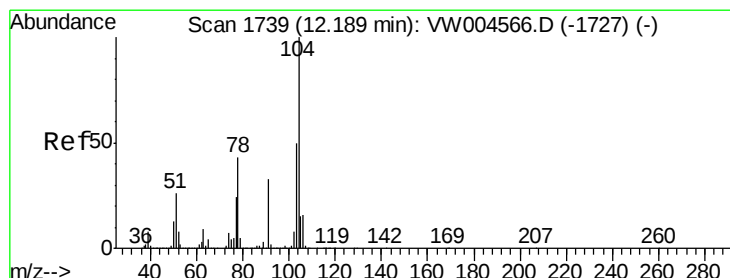
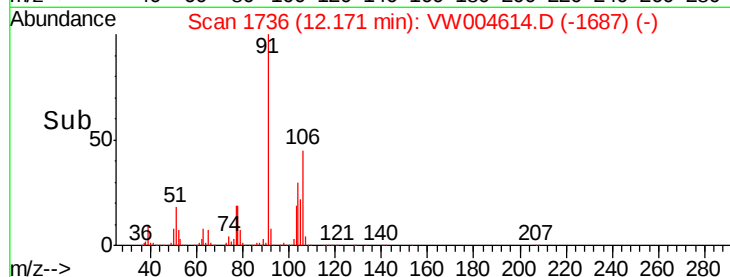
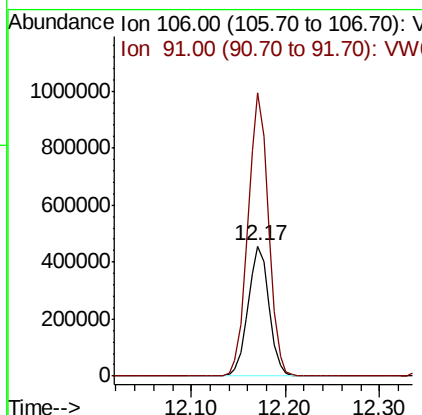
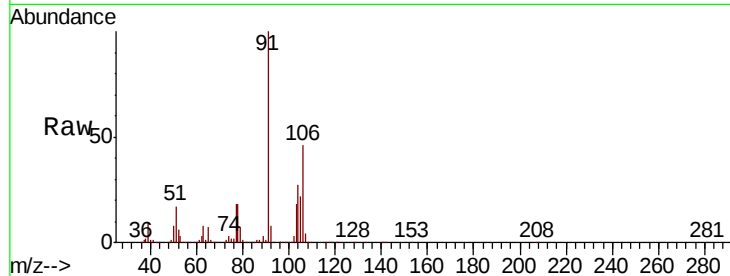
#69
o-Xylene
Concen: 52.34 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.0	106.7	320.2

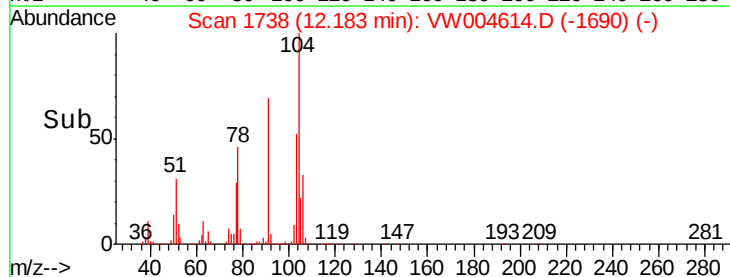
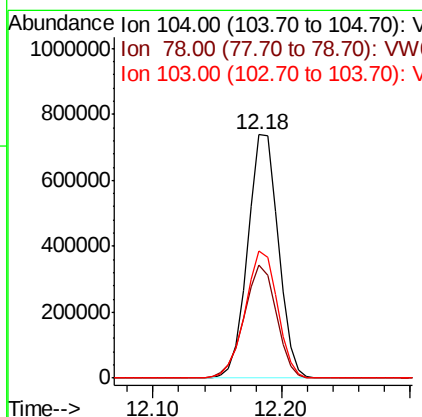
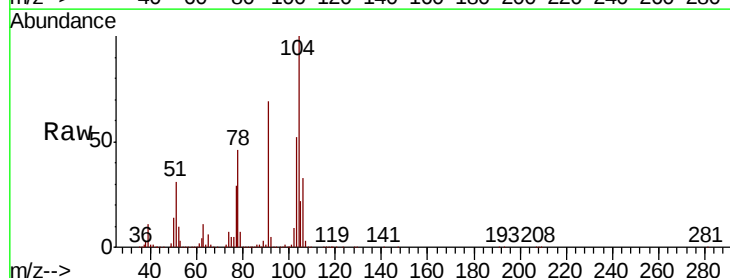
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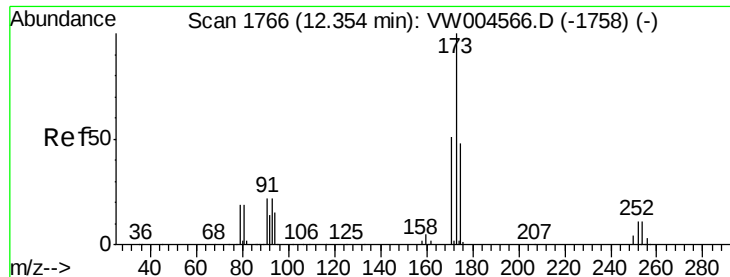
apatel
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#70
Styrene
Concen: 52.80 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	39.0	58.4
103	55.5	44.2	66.2





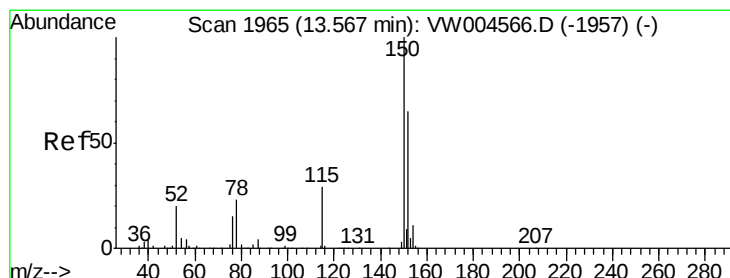
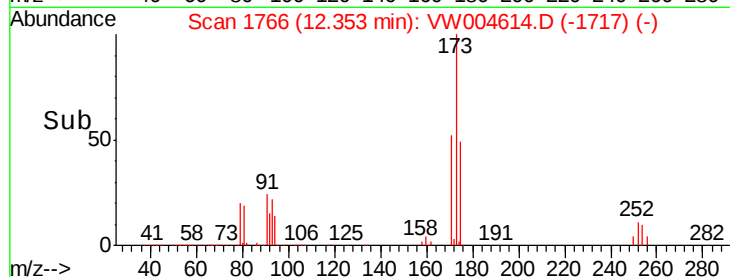
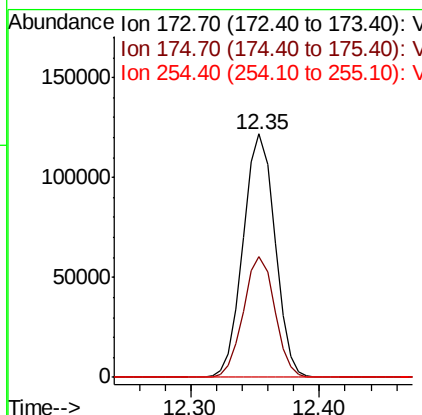
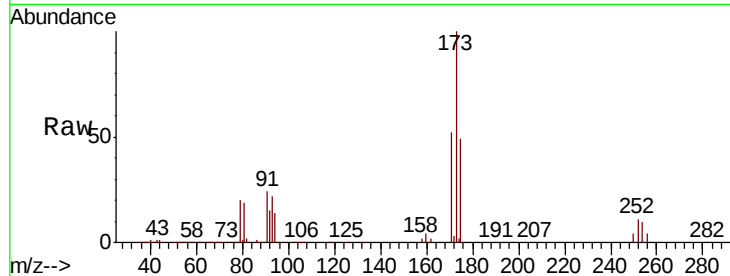
#71
Bromoform
Concen: 49.86 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.5	73.5
254	0.0	0.2	0.2

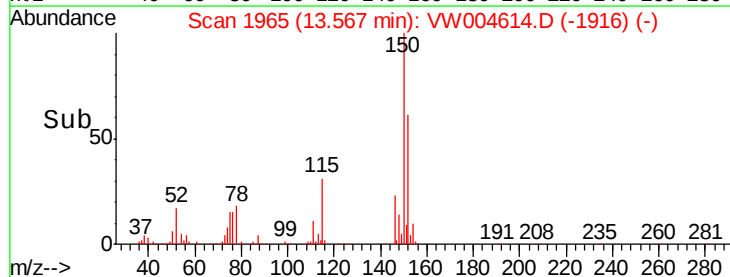
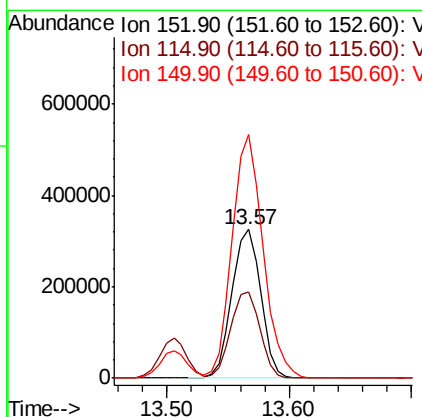
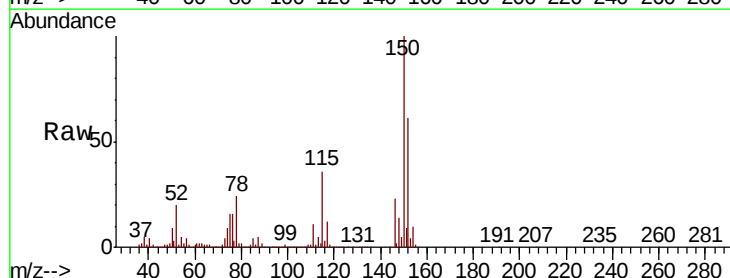
Manual Integrations
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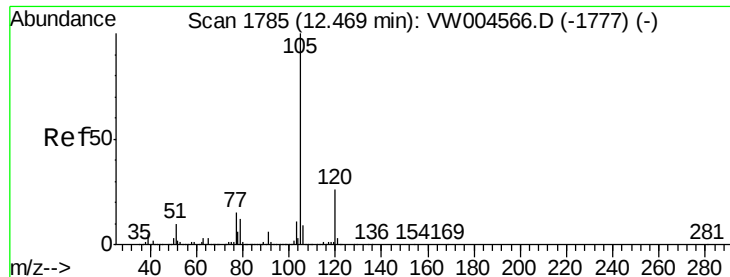
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.1	87.3
150	175.7	0.0	349.6





#73

Isopropylbenzene

Concen: 53.29 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1949079

Ion Ratio Lower Upper

105 100

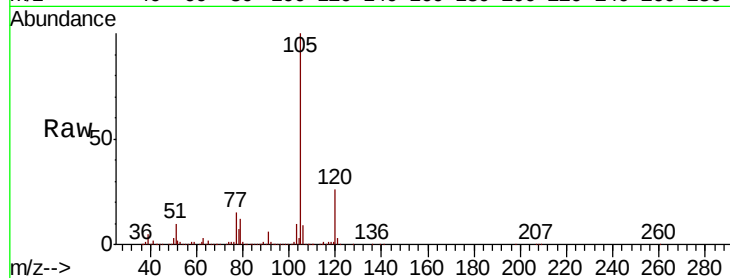
120 26.2 13.2 39.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V

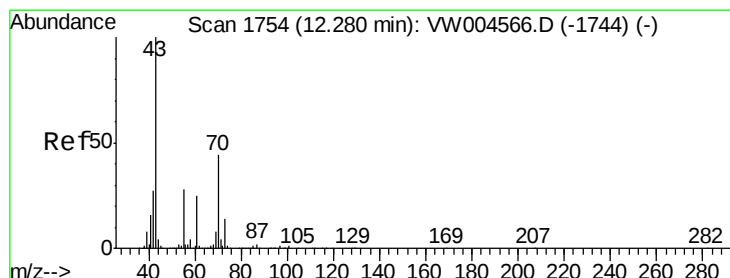
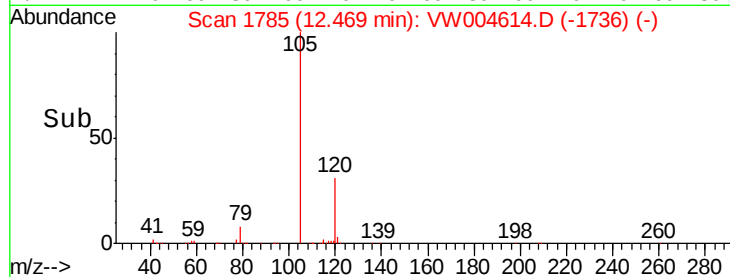
12.47

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 52.42 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Tgt Ion: 43 Resp: 464899

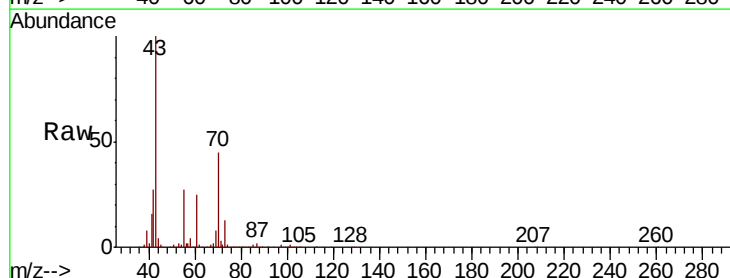
Ion Ratio Lower Upper

43 100

70 44.8 35.3 52.9

55 28.5 22.9 34.3

61 24.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VW

500000 Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

400000

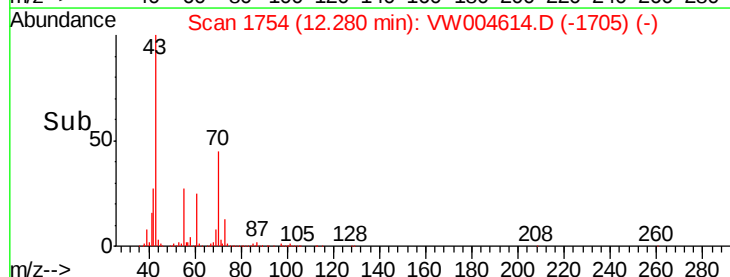
300000

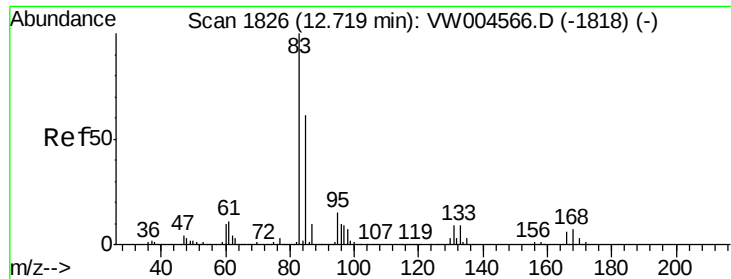
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.30 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 384038

Ion Ratio Lower Upper

83 100

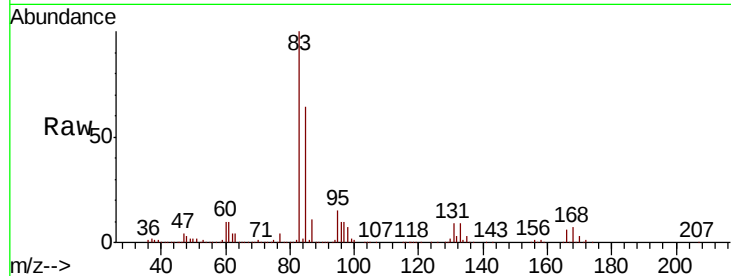
131 10.1 5.0 15.0

85 64.1 31.8 95.4

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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW

12.72

250000

200000

150000

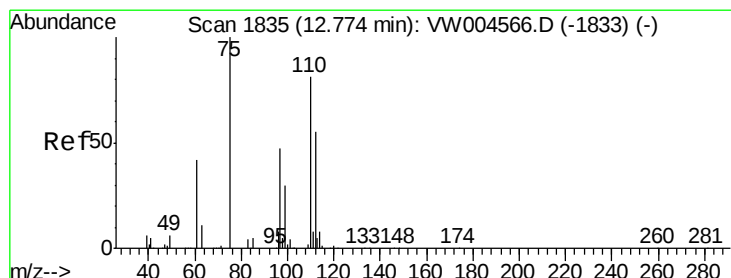
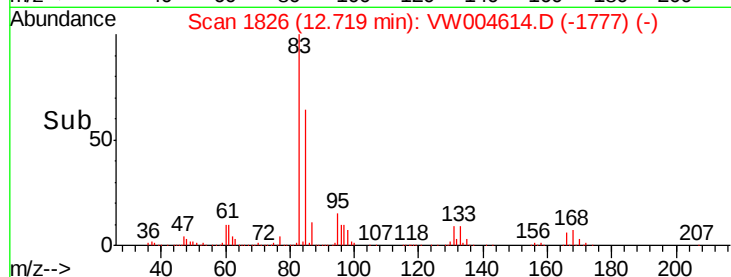
100000

50000

0

12.65 12.70 12.75

Time-->



#76

1,2,3-Trichloropropane

Concen: 45.97 ug/l m

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004614.D

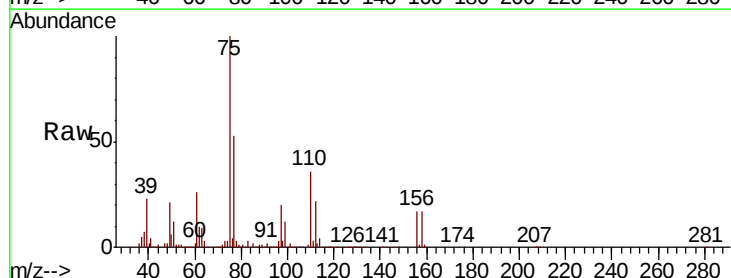
Acq: 10 Aug 2018 23:51

Tgt Ion: 75 Resp: 251544

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

500000

400000

300000

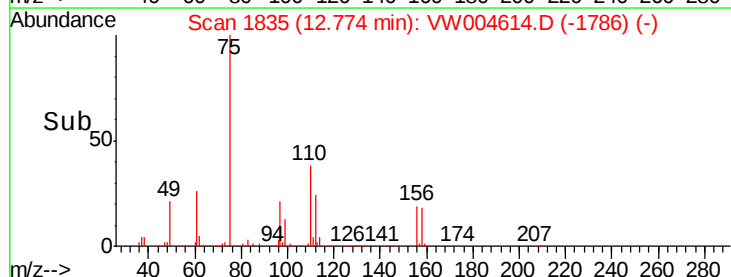
200000

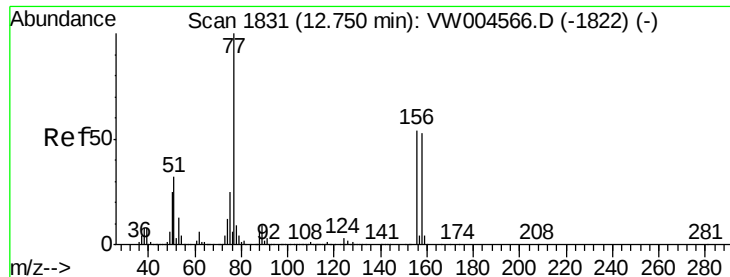
100000

0

12.74 12.76 12.78 12.80

Time-->





#77

Bromobenzene

Concen: 50.70 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

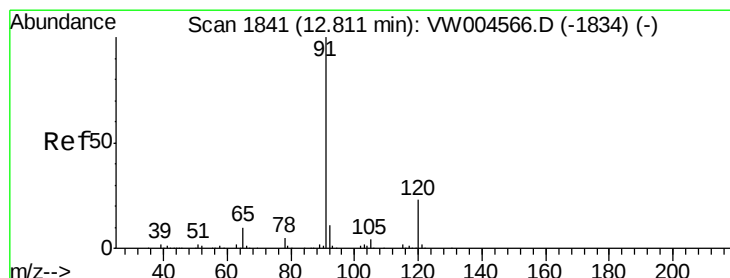
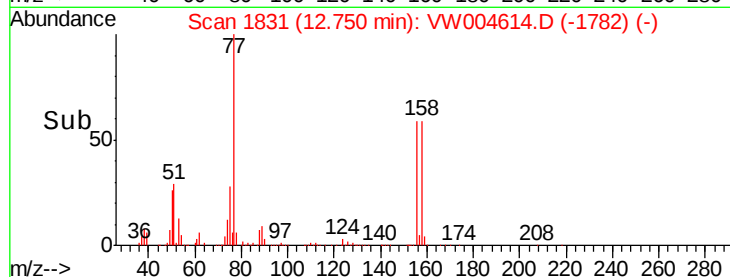
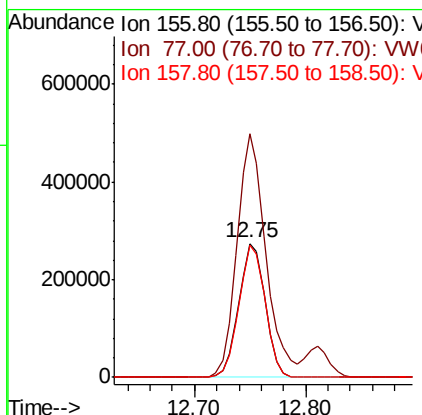
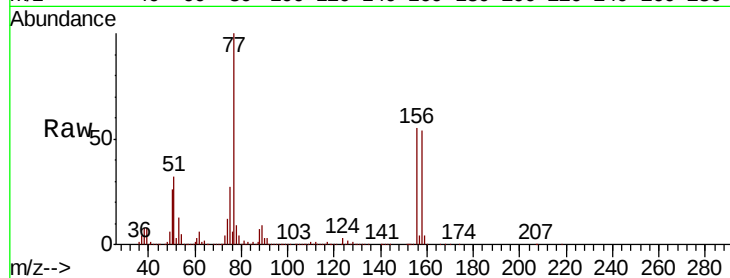
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	448664
Ion Ratio	Lower	Upper	
156	100		
77	199.0	98.7	296.1
158	98.0	48.7	146.1

Manual Integrations
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#78

n-propylbenzene

Concen: 53.29 ug/l

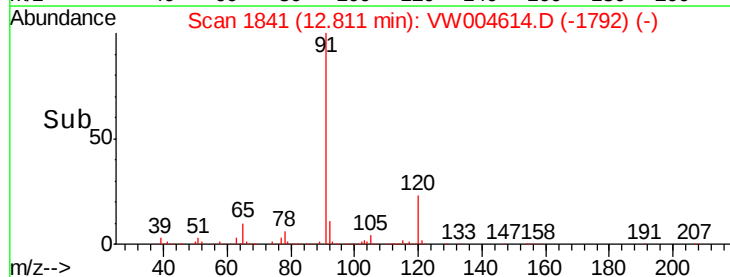
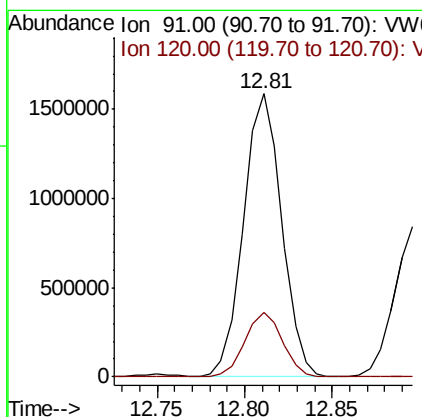
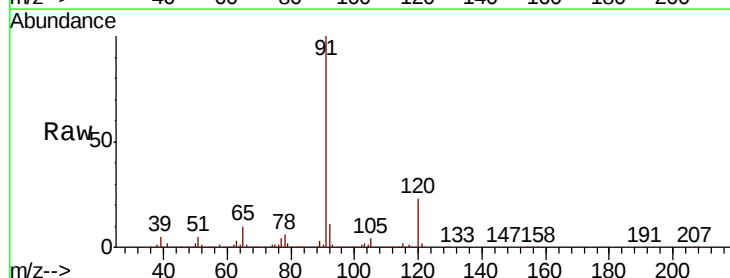
RT: 12.81 min Scan# 1841

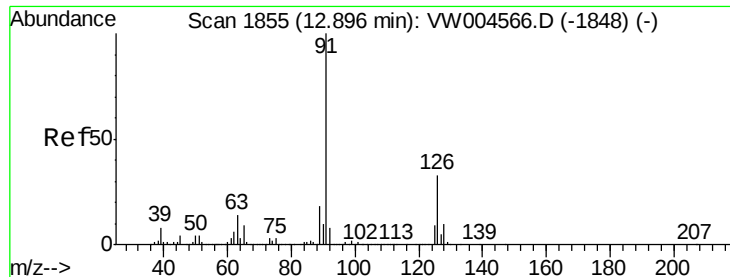
Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Tgt Ion:	91	Resp:	2404915
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.9





#79

2-Chlorotoluene

Concen: 52.05 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1359246

Ion Ratio Lower Upper

91 100

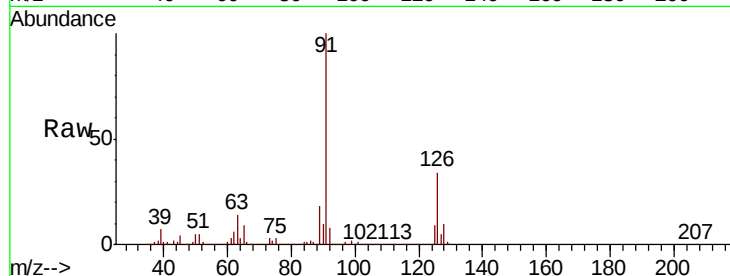
126 33.4 16.6 49.8

Manual Integrations

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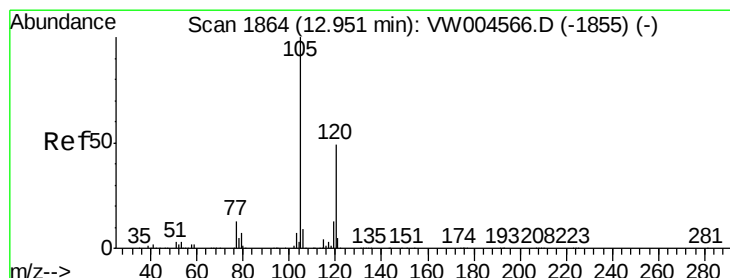
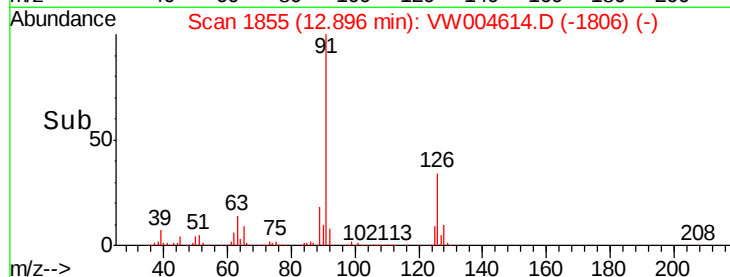
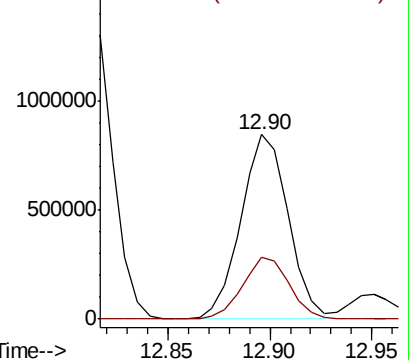
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.82 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004614.D

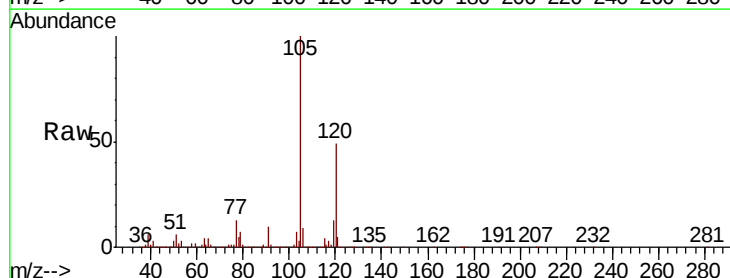
Acq: 10 Aug 2018 23:51

Tgt Ion: 105 Resp: 1679232

Ion Ratio Lower Upper

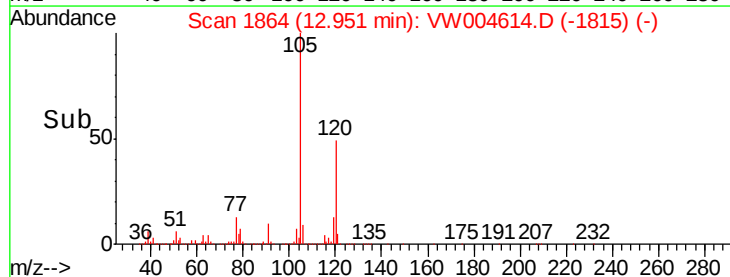
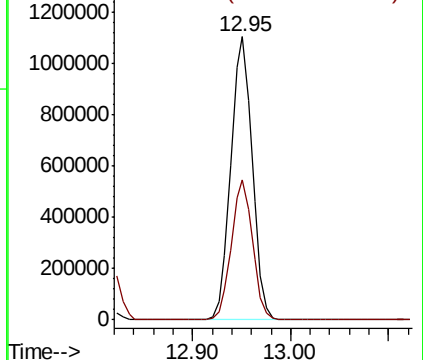
105 100

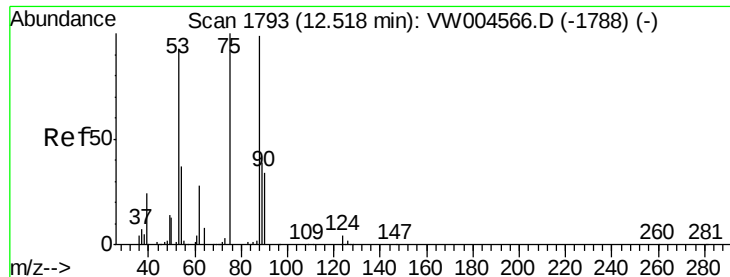
120 49.0 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.99 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Instrument :

MSVOA_W

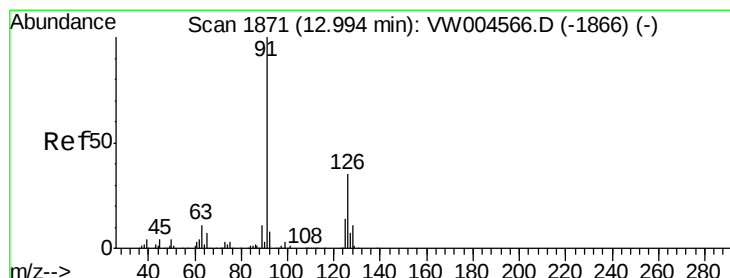
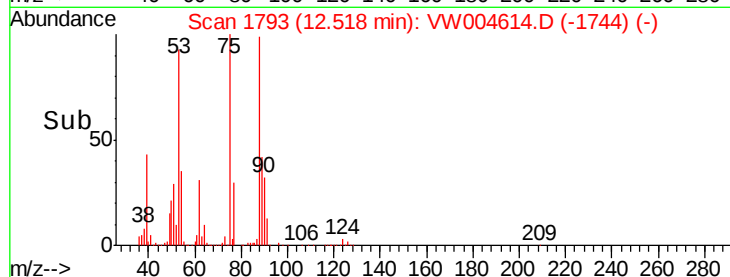
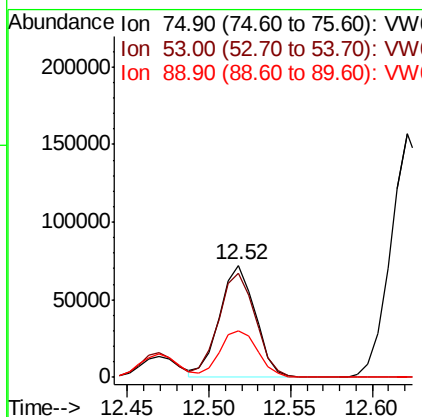
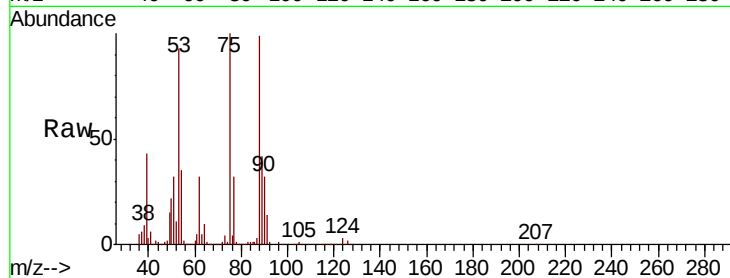
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	109682
Ion Ratio	Lower	Upper	
75	100		
53	97.0	74.4	111.6
89	44.4	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.09 ug/l

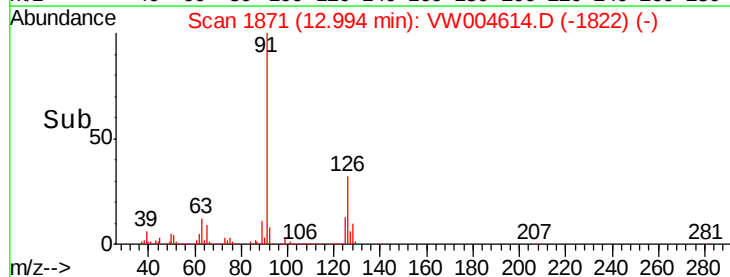
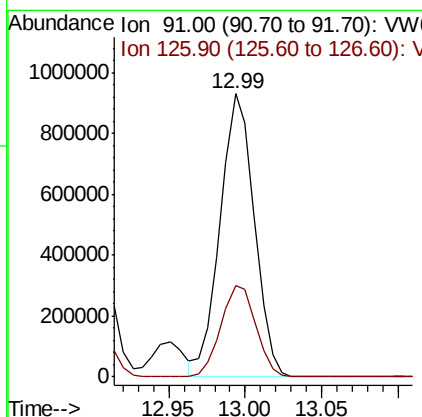
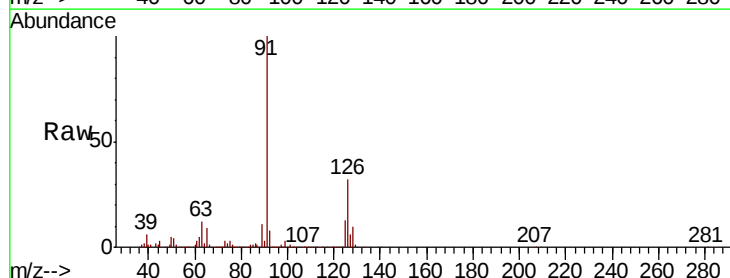
RT: 12.99 min Scan# 1871

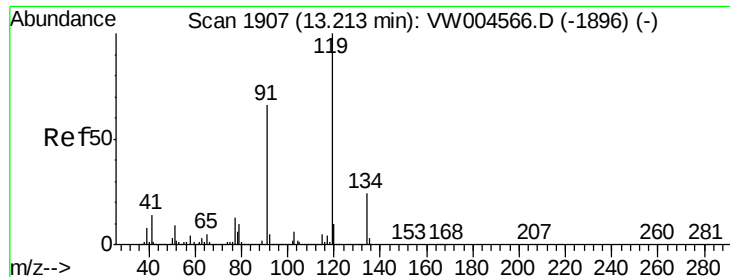
Delta R.T. 0.00 min

Lab File: VW004614.D

Acq: 10 Aug 2018 23:51

Tgt Ion:	91	Resp:	1443814
Ion Ratio	Lower	Upper	
91	100		
126	33.0	16.5	49.5





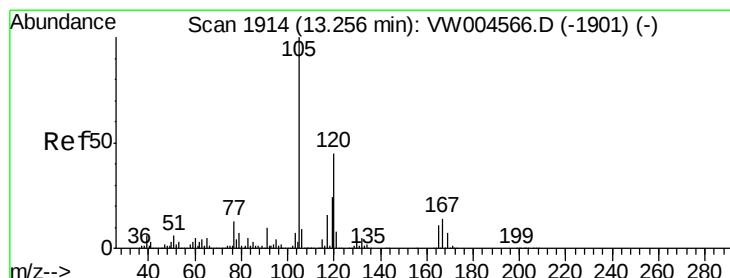
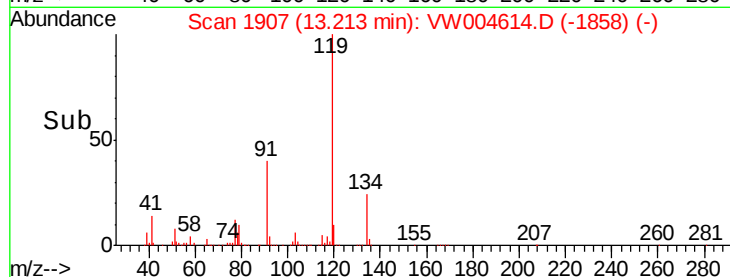
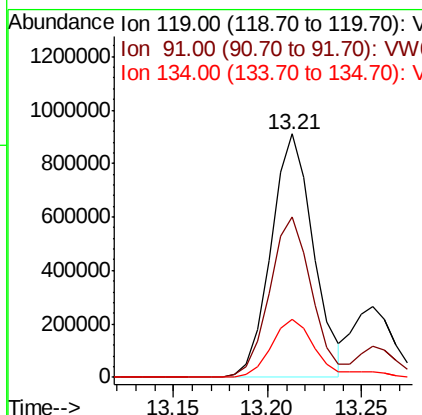
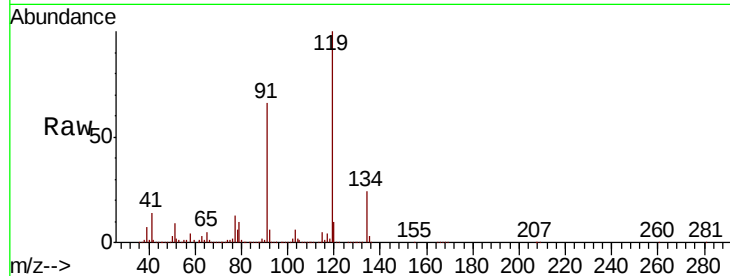
#83
tert-Butylbenzene
Concen: 54.28 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	33.3	99.8
134	24.2	12.2	36.6

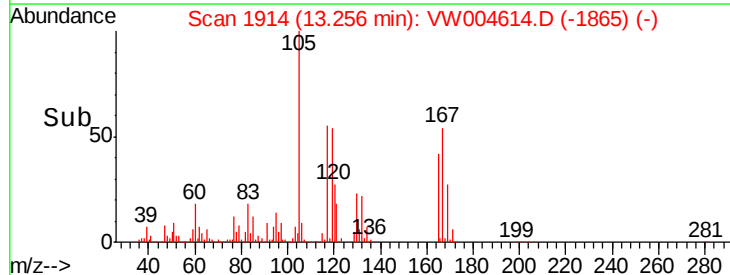
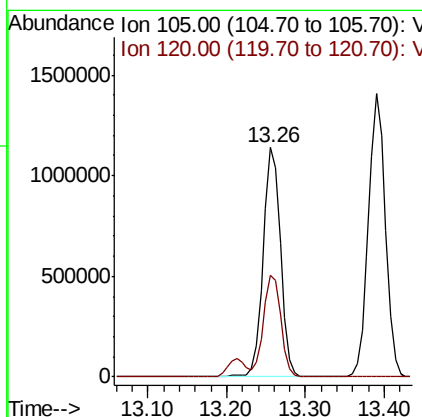
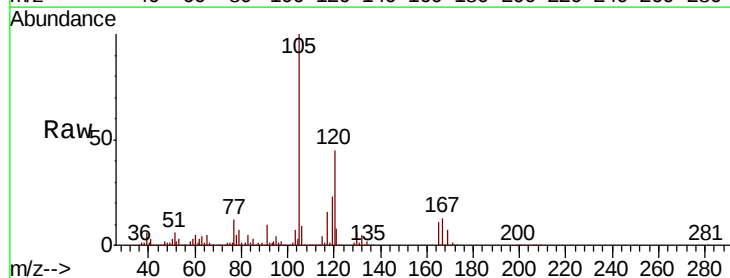
Manual Integrations
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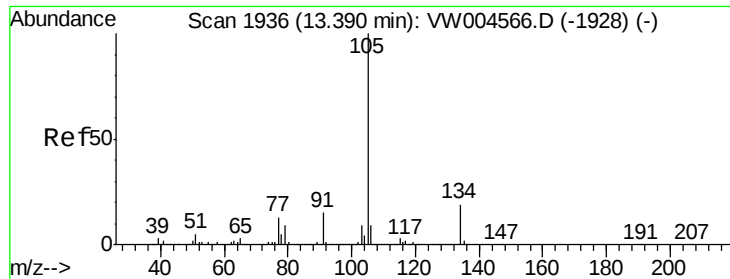
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 53.73 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.8





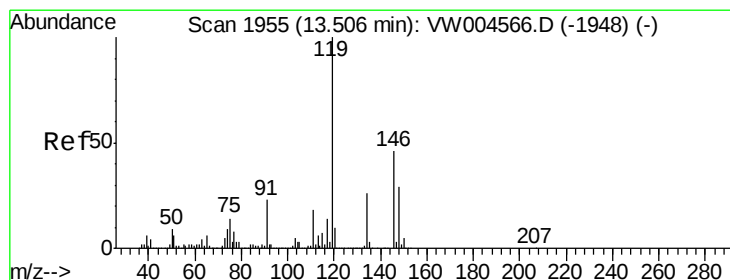
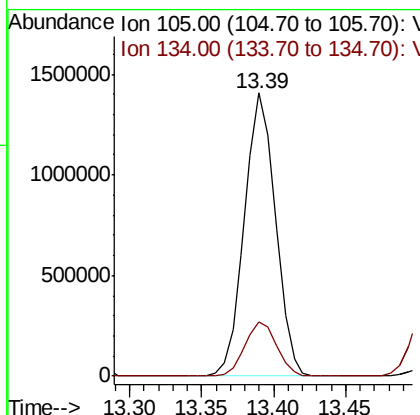
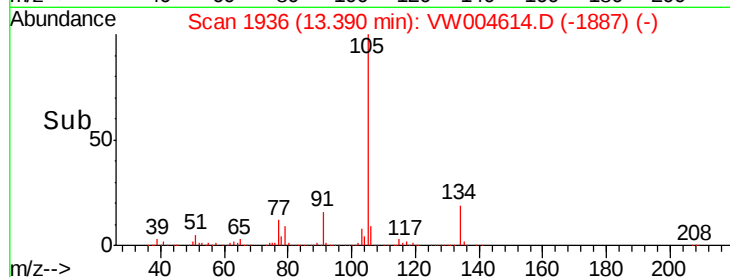
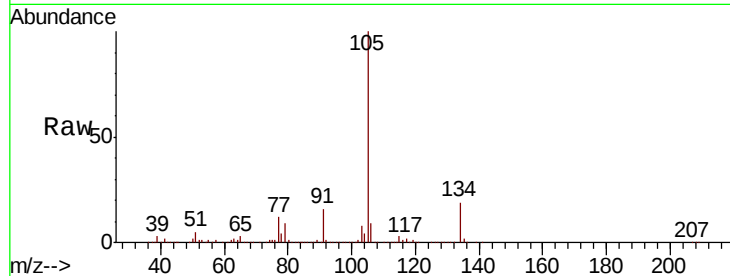
#85
 sec-Butylbenzene
 Concen: 53.26 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

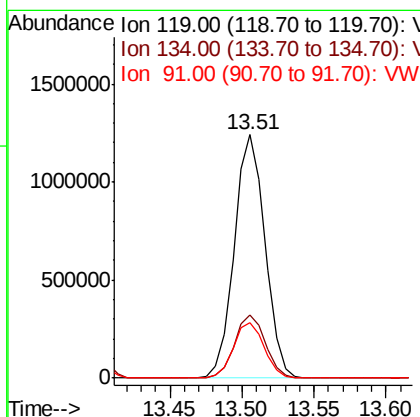
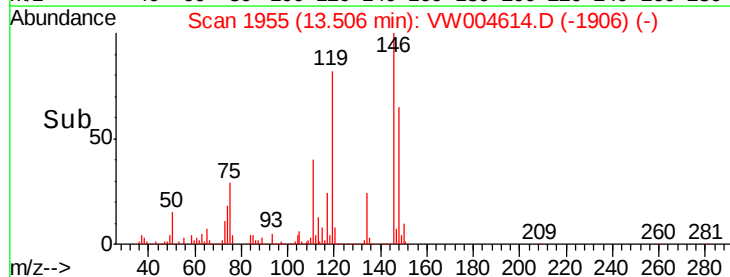
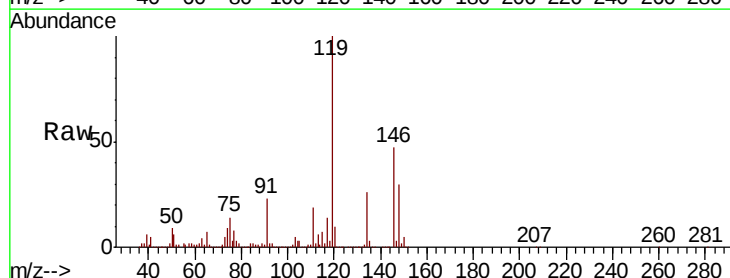
Manual Integrations
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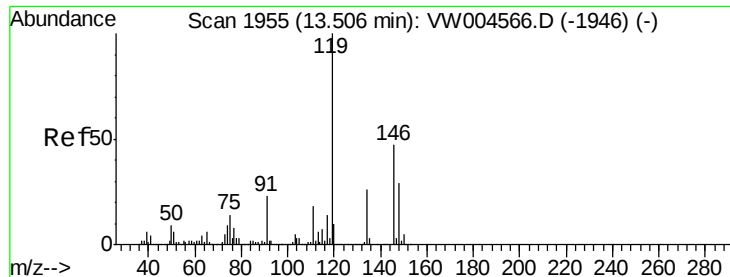
apatel
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#86
 p-Isopropyltoluene
 Concen: 53.85 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	22.9	11.4	34.1





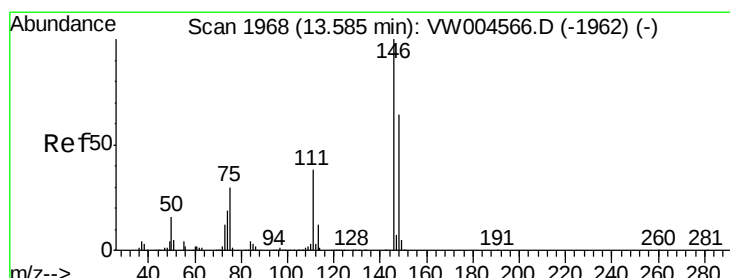
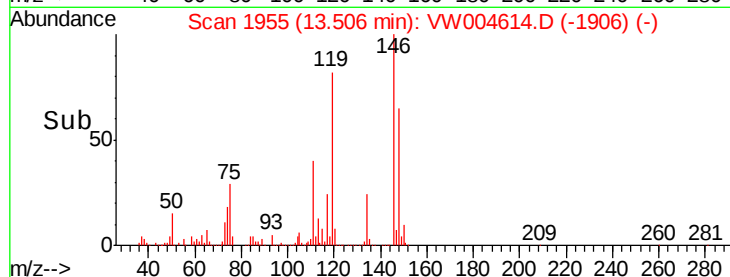
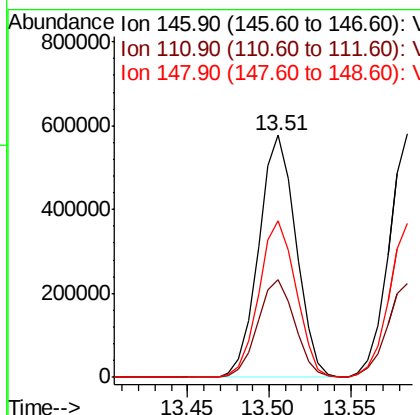
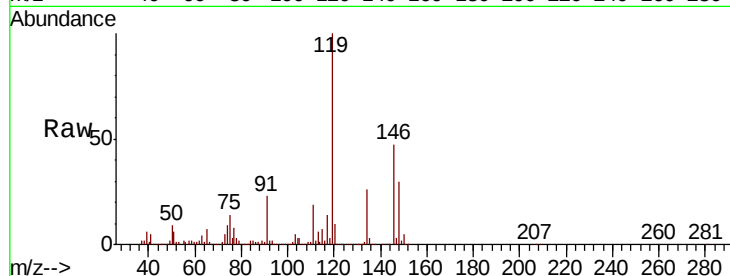
#87
 1,3-Dichlorobenzene
 Concen: 50.10 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.0	20.0	59.9	
148	64.5	31.7	95.1	

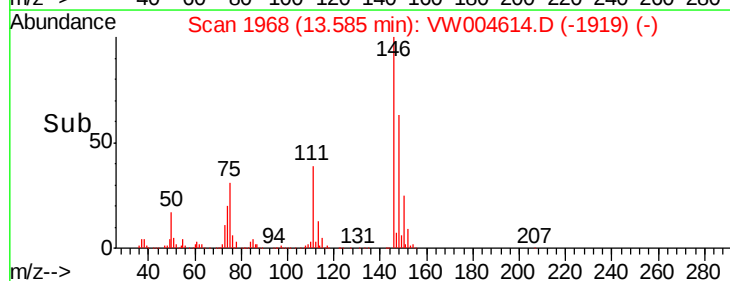
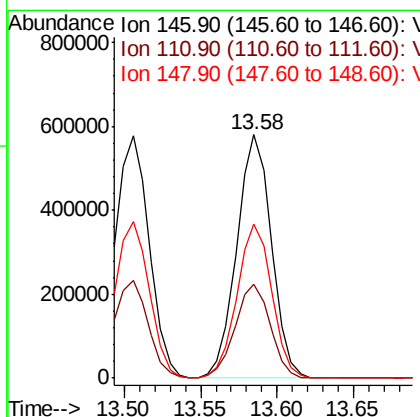
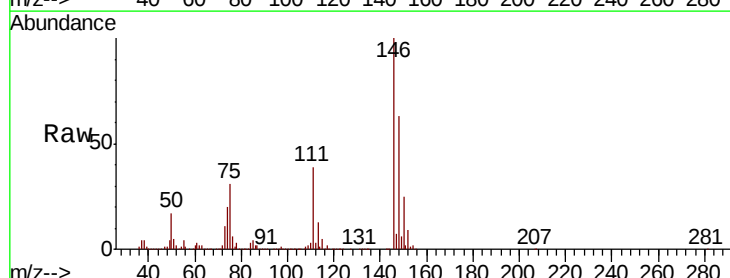
Manual Integrations
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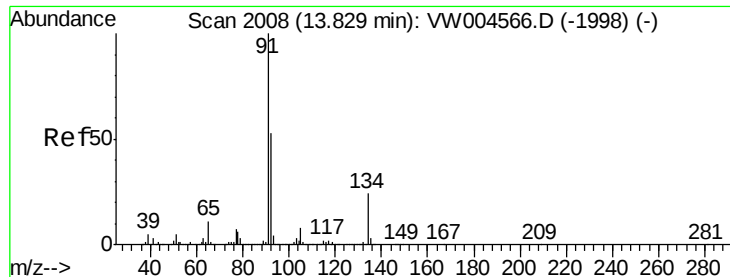
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 50.17 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.3	19.6	58.8	
148	63.4	31.9	95.5	





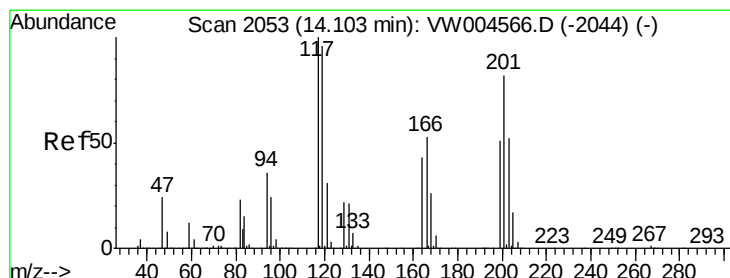
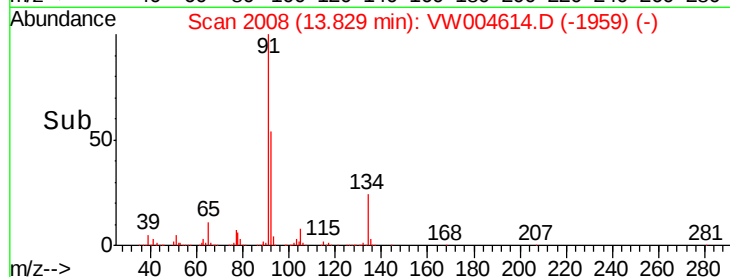
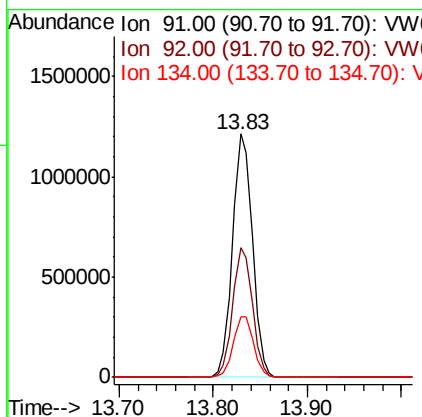
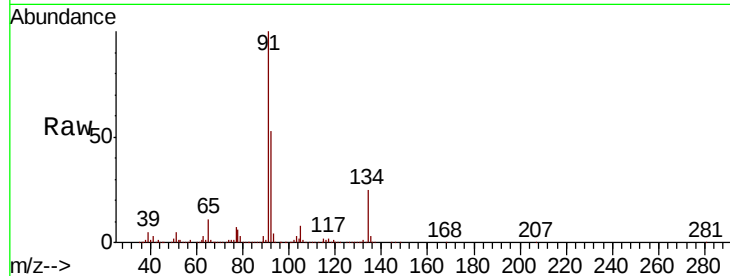
#89
n-Butylbenzene
Concen: 53.04 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	25.2	12.4	37.2

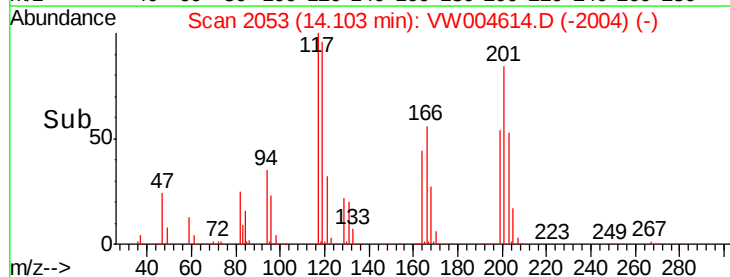
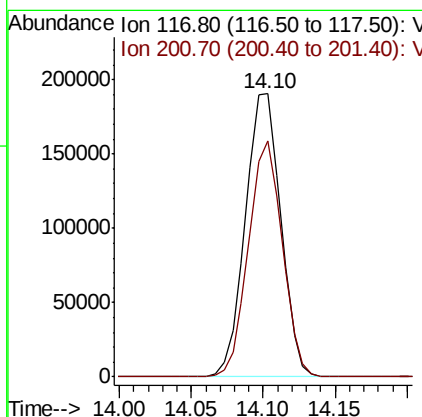
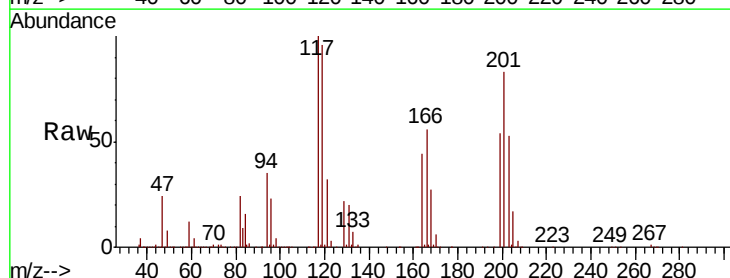
Manual Integrations
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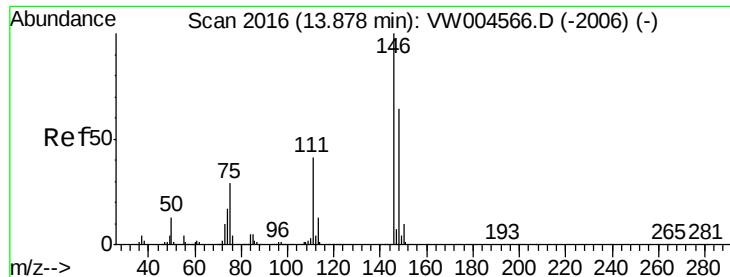
apatel
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#90
Hexachloroethane
Concen: 51.14 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.8	40.1	120.3





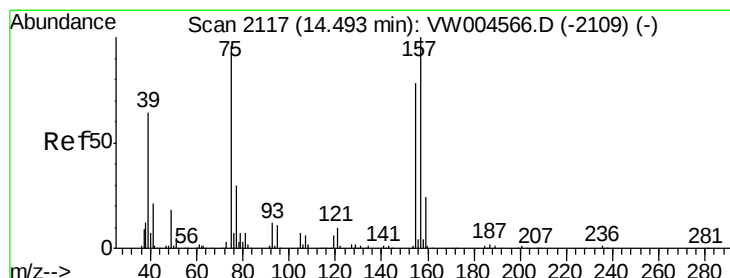
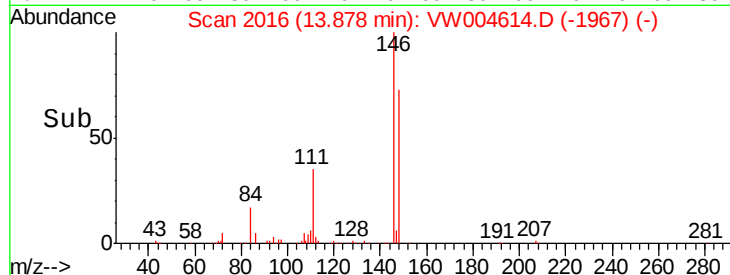
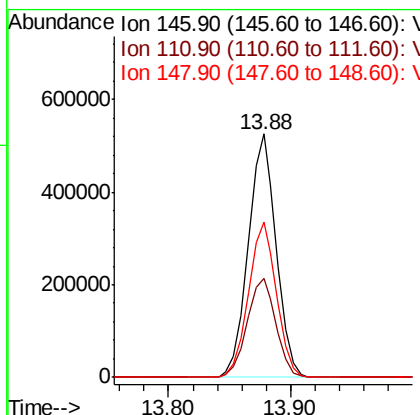
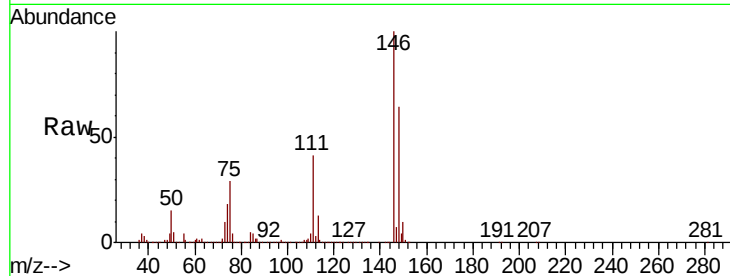
#91
 1,2-Dichlorobenzene
 Concen: 50.21 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	830599		
111	41.8		20.8	62.2
148	63.8		31.8	95.4

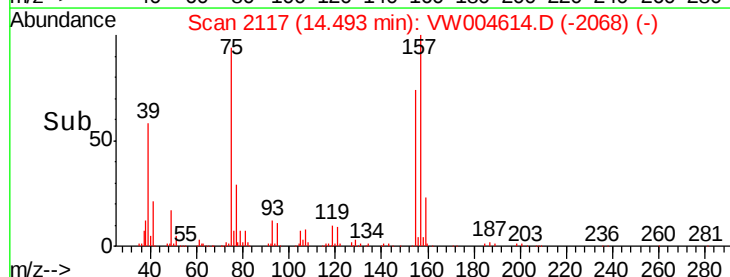
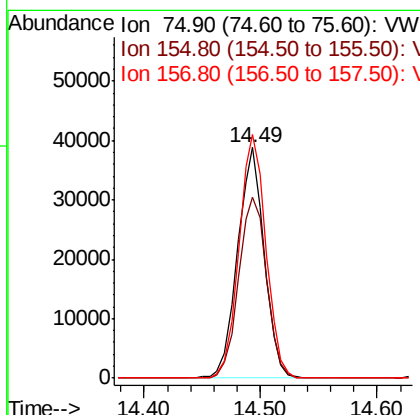
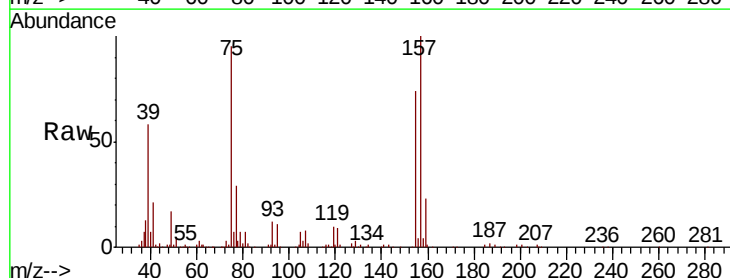
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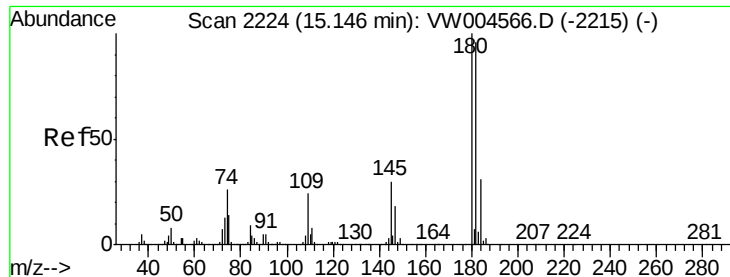
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.65 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61934		
155	82.0		41.3	123.7
157	106.0		52.6	157.8





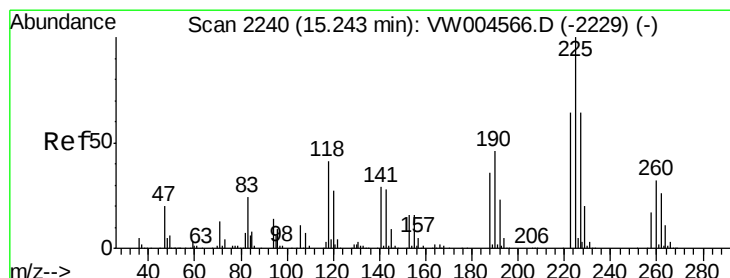
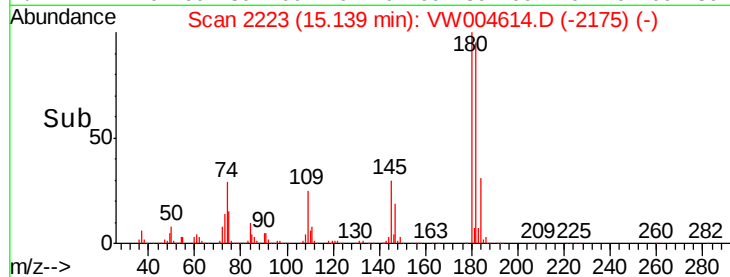
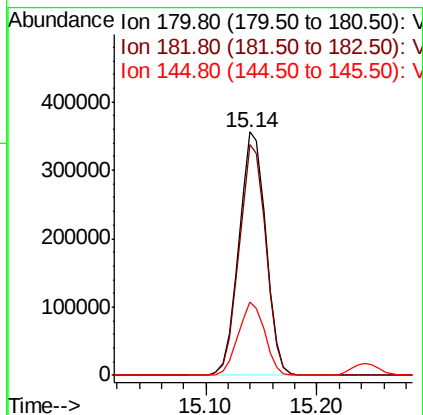
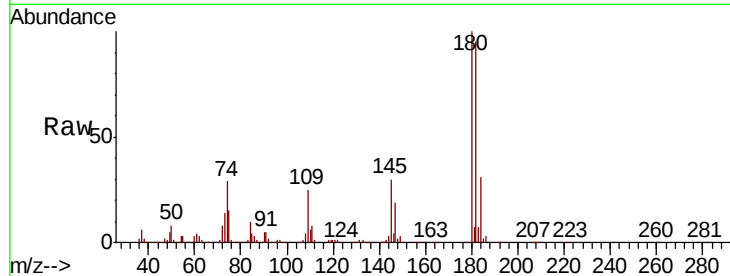
#93
 1,2,4-Trichlorobenzene
 Concen: 51.87 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	594084		
182	94.5	47.9	143.6	
145	29.7	14.9	44.9	

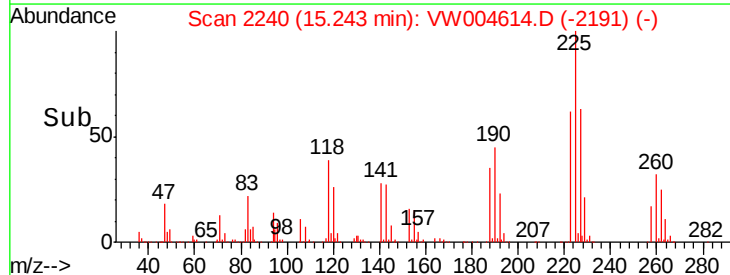
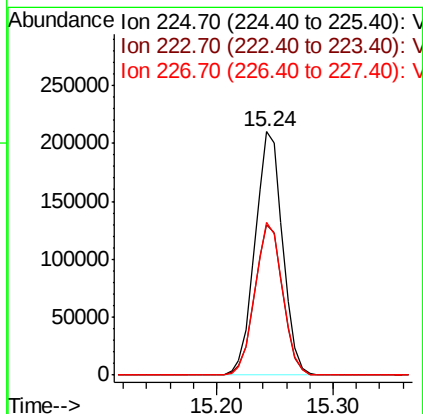
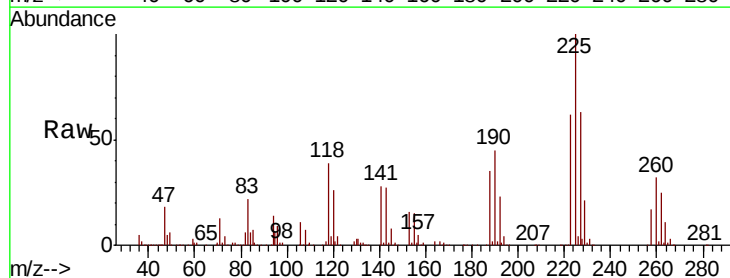
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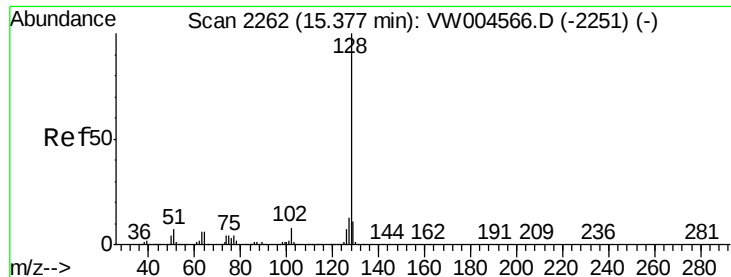
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#94
 Hexachlorobutadiene
 Concen: 52.05 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004614.D
 Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	347084		
223	62.6	31.3	93.8	
227	63.0	31.8	95.4	





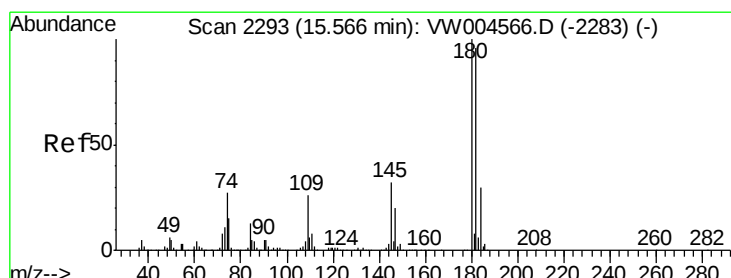
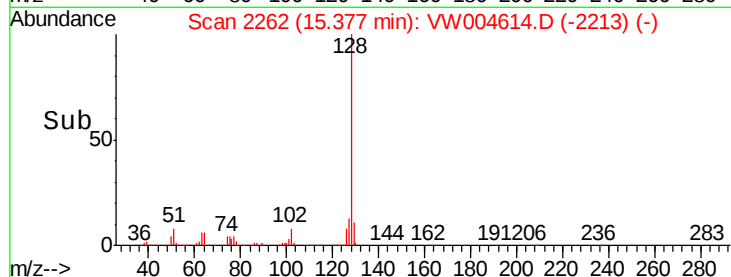
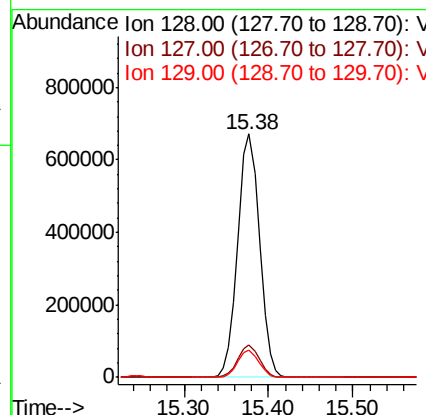
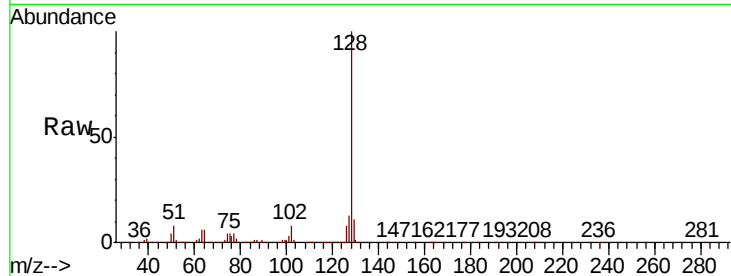
#95
Naphthalene
Concen: 49.44 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.48 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004614.D
Acq: 10 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.2
145	31.2	15.9	47.6

