

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005128.D
 Acq On : 05 Sep 2018 14:32
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 9/6/2018 12:02:26 PM

Quant Time: Sep 05 16:40:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	635934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	913166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	876480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	462650	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	247825	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	7.89	113	250606	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	10.33	98	1244510	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.62	95	449692	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	259213	50.58	ug/l	97
3) Chloromethane	2.21	50	396083	53.26	ug/l	98
4) Vinyl Chloride	2.36	62	402644	55.68	ug/l	98
5) Bromomethane	2.77	94	233043	53.45	ug/l	96
6) Chloroethane	2.92	64	238276	52.94	ug/l	100
7) Trichlorofluoromethane	3.26	101	436072	53.61	ug/l	100
8) Diethyl Ether	3.69	74	153681	52.21	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	303594	54.33	ug/l	98
10) Methyl Iodide	4.28	142	362909	43.96	ug/l	100
11) Tert butyl alcohol	5.21	59	102990	348.03	ug/l	98
12) 1,1-Dichloroethene	4.04	96	275768	53.63	ug/l	94
13) Acrolein	3.90	56	91036	266.06	ug/l	98
14) Allyl chloride	4.68	41	465958	57.97	ug/l	98
15) Acrylonitrile	5.38	53	356287	286.99	ug/l	99
16) Acetone	4.14	43	306266	289.69	ug/l	97
17) Carbon Disulfide	4.38	76	973379	54.32	ug/l	100
18) Methyl Acetate	4.68	43	164017	52.74	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	708842	56.77	ug/l	99
20) Methylene Chloride	4.92	84	382133	53.80	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	318202	50.79	ug/l	98
22) Diisopropyl ether	6.32	45	978230	57.83	ug/l	99
23) Vinyl Acetate	6.26	43	2694712	303.30	ug/l	99
24) 1,1-Dichloroethane	6.22	63	559327	52.90	ug/l	100
25) 2-Butanone	7.18	43	524712	286.15	ug/l	100
26) 2,2-Dichloropropane	7.17	77	507862	58.45	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	349618	51.01	ug/l	95
28) Bromochloromethane	7.52	49	217468	51.10	ug/l	93
29) Tetrahydrofuran	7.54	42	267240	285.22	ug/l	99
30) Chloroform	7.68	83	543554	50.37	ug/l	98
31) Cyclohexane	7.96	56	593118	57.29	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	500362	53.24	ug/l	99
36) 1,1-Dichloropropene	8.09	75	487325	56.03	ug/l	98
37) Ethyl Acetate	7.26	43	188353	57.91	ug/l	99
38) Carbon Tetrachloride	8.07	117	437360	52.89	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	633145	60.20	ug/l	98
40) Benzene	8.33	78	1420903	53.37	ug/l	98
41) Methacrylonitrile	7.49	41	116740	61.95	ug/l	97
42) 1,2-Dichloroethane	8.40	62	332475	51.02	ug/l	98
43) Isopropyl Acetate	8.43	43	356088	60.17	ug/l	98
44) Trichloroethene	9.10	130	372630	51.87	ug/l	99
45) 1,2-Dichloropropane	9.37	63	348475	53.58	ug/l	99
46) Dibromomethane	9.46	93	160264	51.53	ug/l	96
47) Bromodichloromethane	9.65	83	409267	52.26	ug/l	98
48) Methyl methacrylate	9.44	41	180039	63.18	ug/l	94
49) 1,4-Dioxane	9.47	88	62259	1237.86	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	1246322	314.21	ug/l	100
52) Toluene	10.39	92	987741	54.75	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	440617	57.26	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	530841	56.72	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	248539	51.61	ug/l	96
56) Ethyl methacrylate	10.65	69	343028	62.44	ug/l	97
57) 1,3-Dichloropropane	10.94	76	425558	53.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	744457	285.98	ug/l	98
59) 2-Hexanone	10.98	43	895237	333.69	ug/l	100
60) Dibromochloromethane	11.13	129	282126	51.82	ug/l	99
61) 1,2-Dibromoethane	11.24	107	229222	52.73	ug/l	99
64) Tetrachloroethene	10.87	164	349152	50.77	ug/l	97
65) Chlorobenzene	11.66	112	1069315	54.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	317510	52.66	ug/l	99
67) Ethyl Benzene	11.74	91	1929339	57.84	ug/l	100
68) m/p-Xylenes	11.85	106	1513443	113.32	ug/l	99
69) o-Xylene	12.17	106	708728	57.39	ug/l	99
70) Styrene	12.19	104	1170541	57.39	ug/l	99
71) Bromoform	12.35	173	168631	52.77	ug/l #	99
73) Isopropylbenzene	12.47	105	1938322	59.42	ug/l	100
74) N-amyl acetate	12.28	43	386338	68.78	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	291135	58.62	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	203978m	58.74	ug/l	
77) Bromobenzene	12.75	156	436210	54.27	ug/l	95
78) n-propylbenzene	12.81	91	2359230	59.91	ug/l	99
79) 2-Chlorotoluene	12.90	91	1320705	57.48	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1637313	58.04	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	93861	65.05	ug/l	100
82) 4-Chlorotoluene	12.99	91	1376084	56.72	ug/l	99
83) tert-Butylbenzene	13.21	119	1407207	59.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1652092	57.50	ug/l	99
85) sec-Butylbenzene	13.39	105	2065702	59.66	ug/l	100
86) p-Isopropyltoluene	13.51	119	1821905	59.45	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	891967	54.02	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	876367	53.51	ug/l	99
89) n-Butylbenzene	13.83	91	1769310	62.29	ug/l	99
90) Hexachloroethane	14.10	117	287165	56.41	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	782843	54.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46317	59.68	ug/l	99

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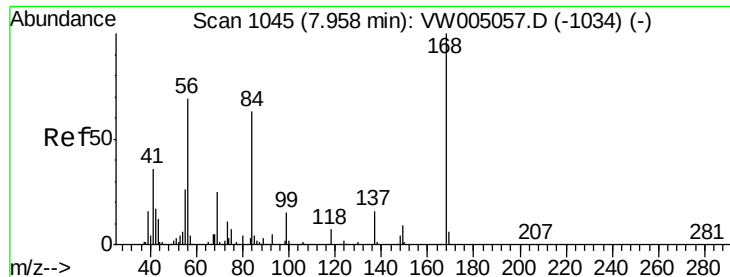
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	569593	59.03	ug/l	99
94) Hexachlorobutadiene	15.24	225	343976	57.31	ug/l	100
95) Naphthalene	15.38	128	977151	57.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	487732	59.06	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 635934

Ion Ratio Lower Upper

168 100

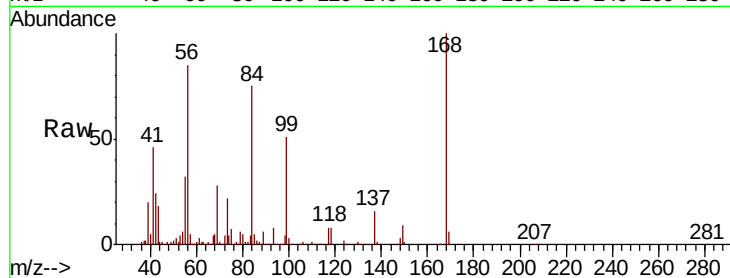
99 50.5 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

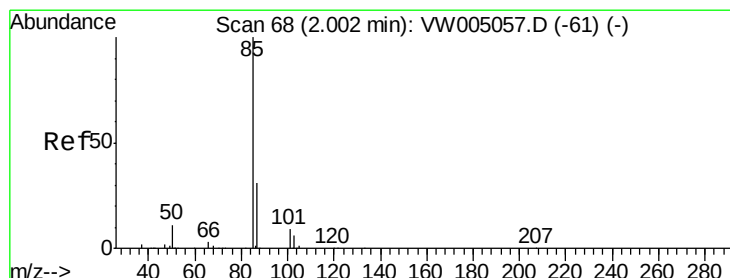
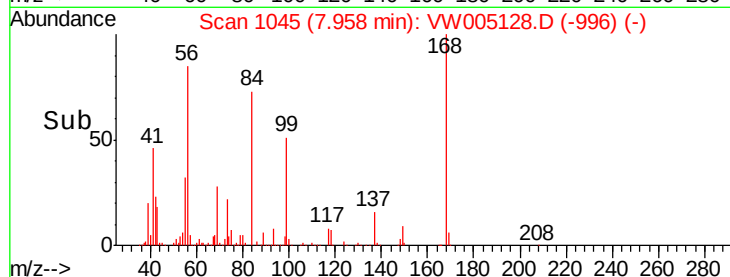
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.58 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005128.D

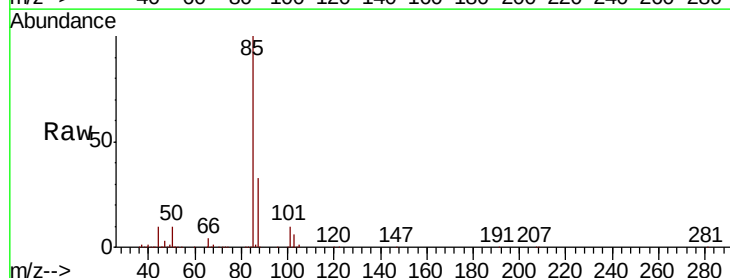
Acq: 05 Sep 2018 14:32

Tgt Ion: 85 Resp: 259213

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

200000

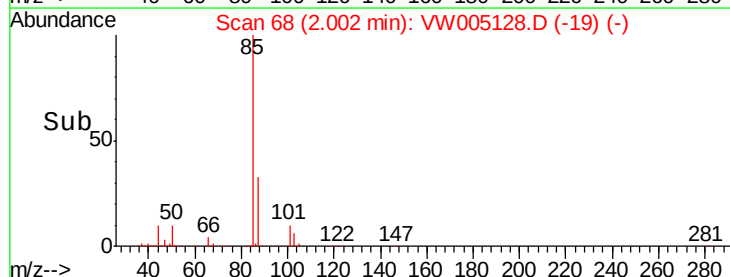
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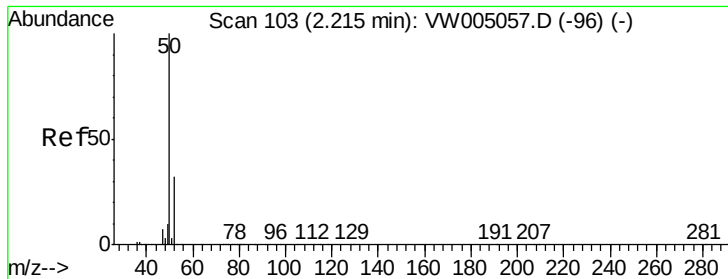
100000

50000

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Time-->





#3

Chloromethane

Concen: 53.26 ug/l

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 396083

Ion Ratio Lower Upper

50 100

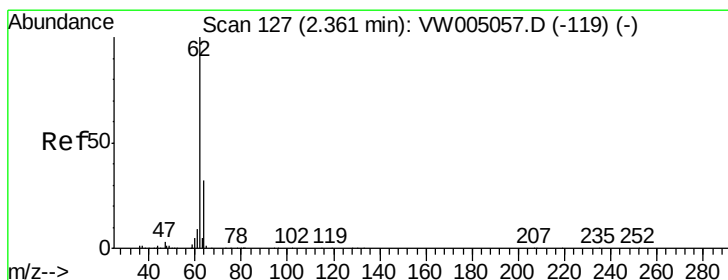
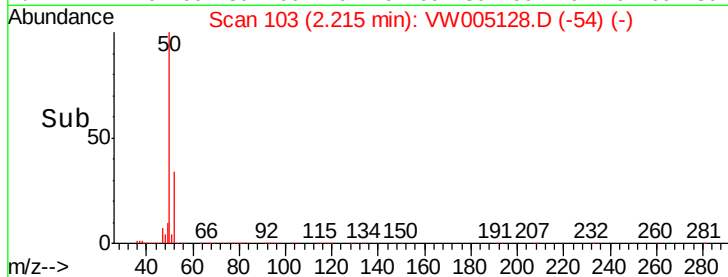
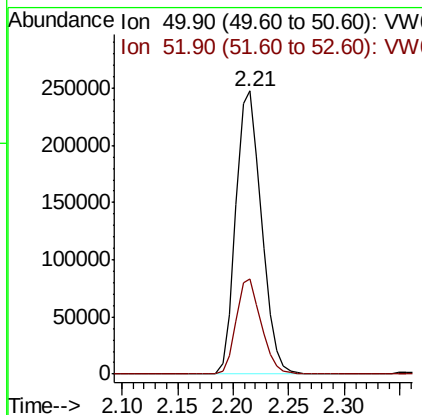
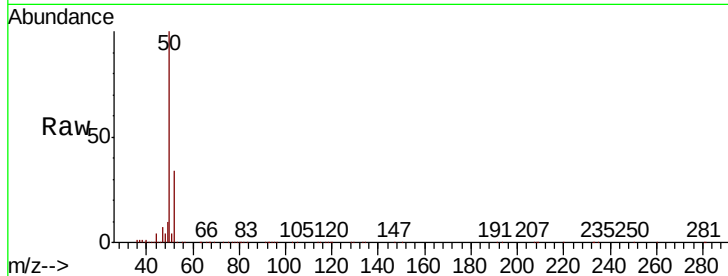
52 33.5 25.8 38.6

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#4

Vinyl Chloride

Concen: 55.68 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005128.D

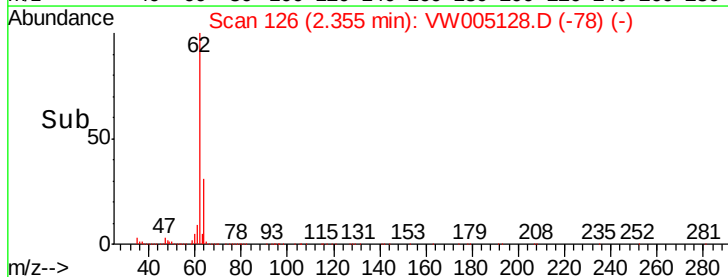
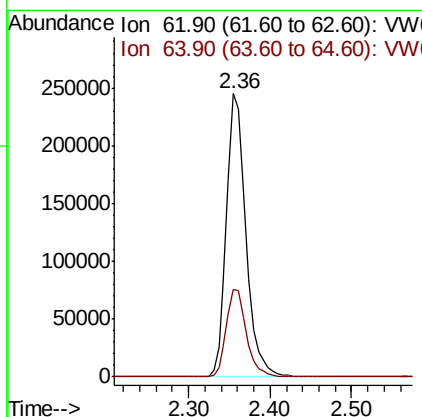
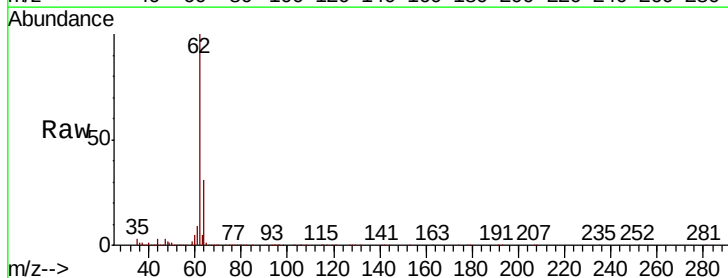
Acq: 05 Sep 2018 14:32

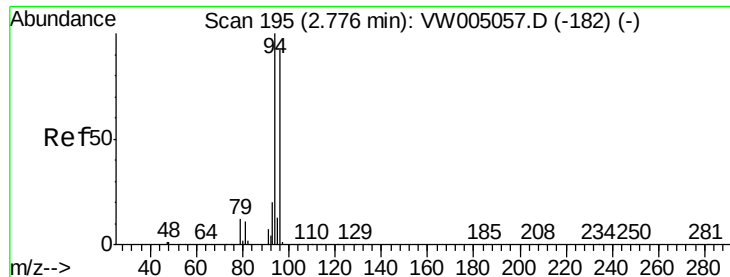
Tgt Ion: 62 Resp: 402644

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4





#5

Bromomethane

Concen: 53.45 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 233043

Ion Ratio Lower Upper

94 100

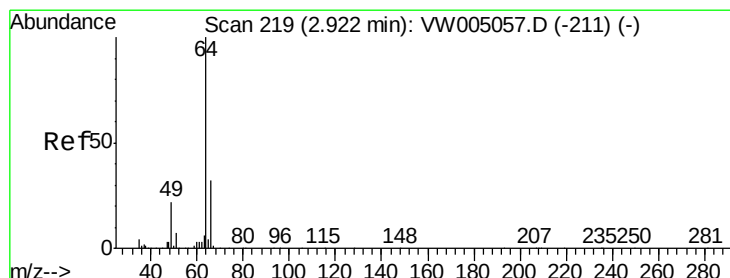
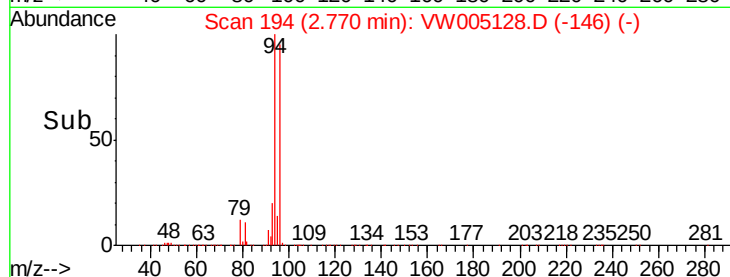
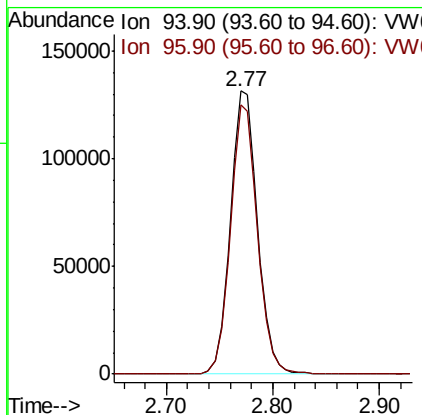
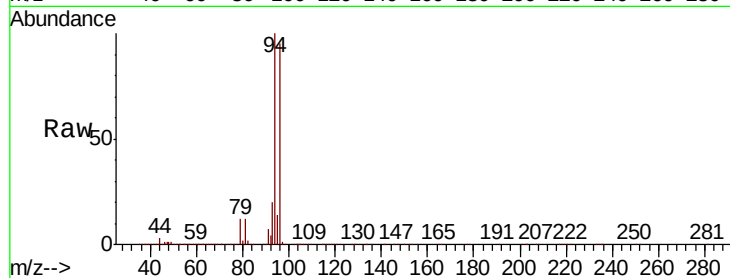
96 95.3 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 52.94 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005128.D

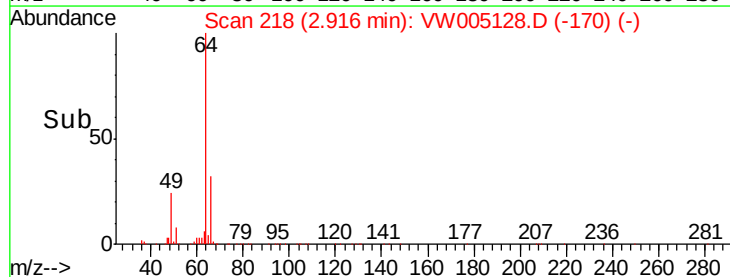
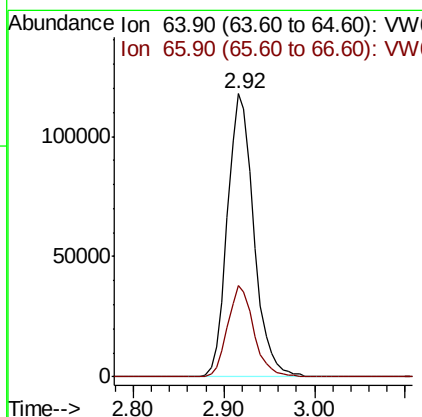
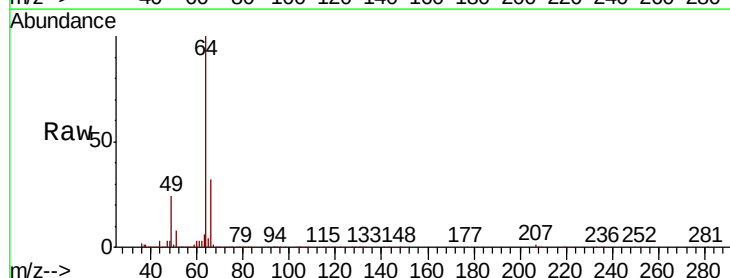
Acq: 05 Sep 2018 14:32

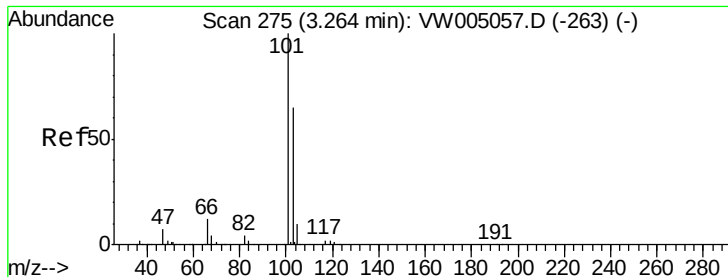
Tgt Ion: 64 Resp: 238276

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5





#7

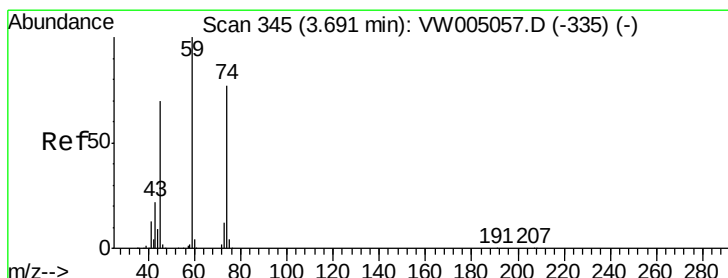
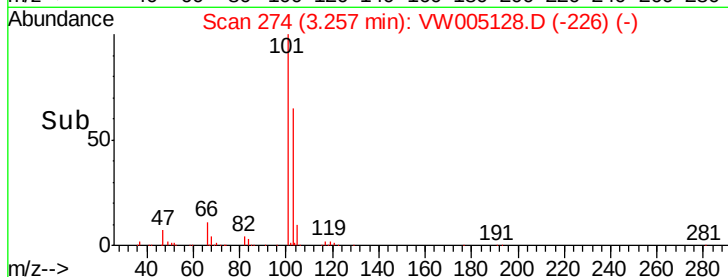
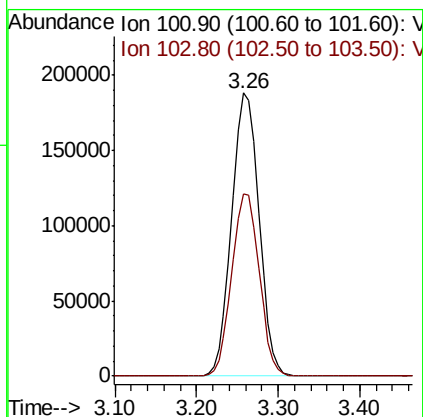
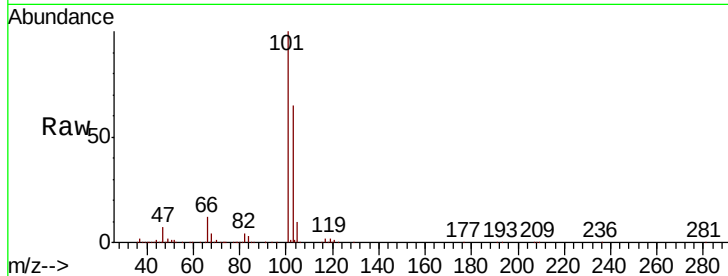
Trichlorofluoromethane
 Concen: 53.61 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: VW005128.D
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.9	77.9

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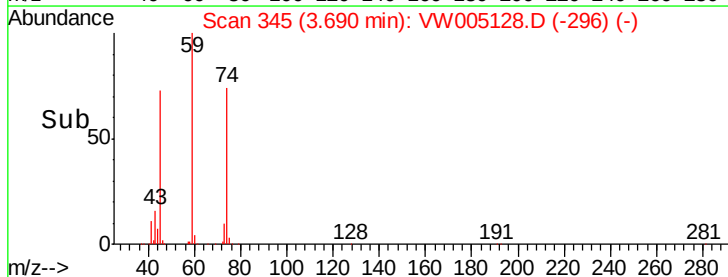
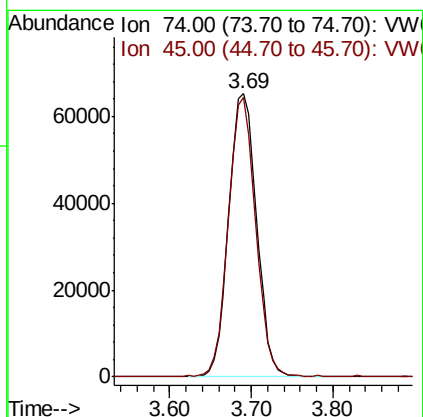
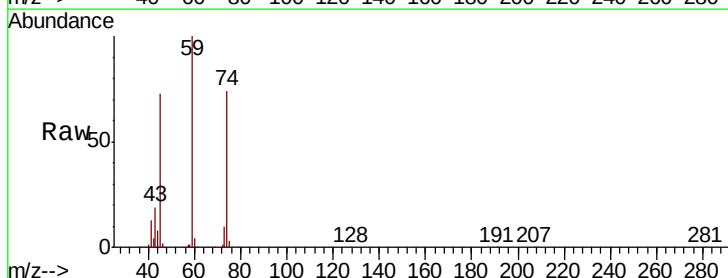
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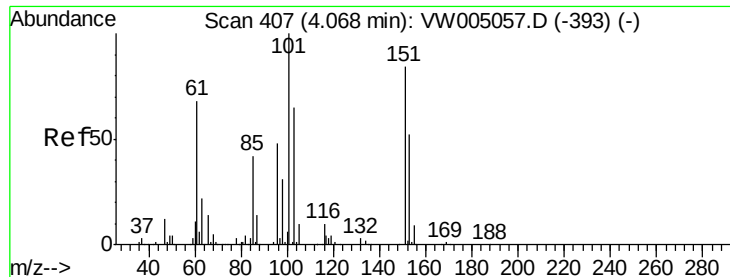


#8

Diethyl Ether
 Concen: 52.21 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.33 ug/l

RT: 4.07 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

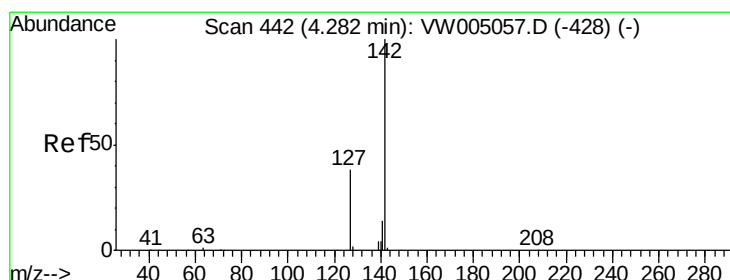
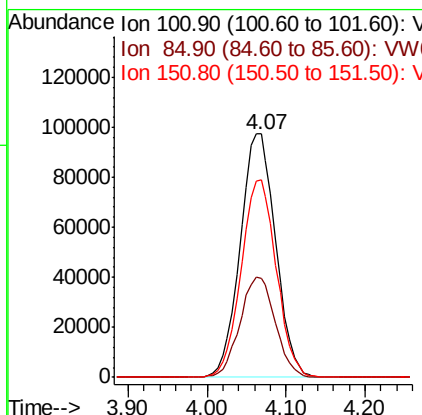
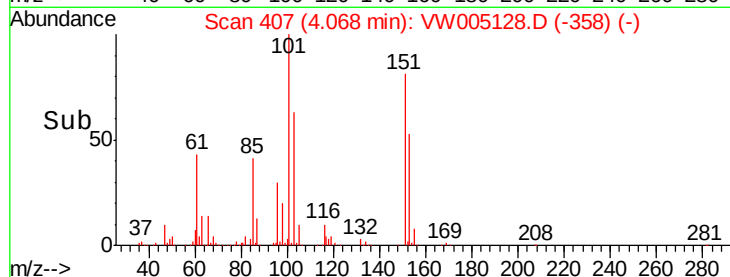
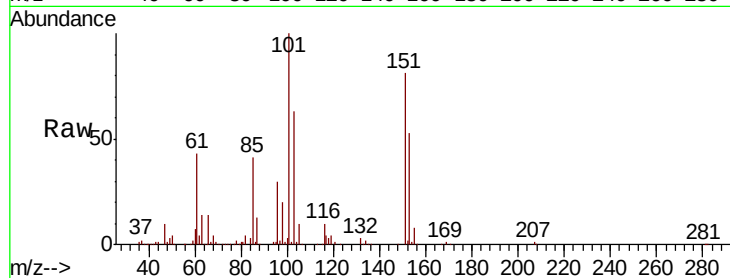
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	303594
Ion Ratio	Lower	Upper	
101	100		
85	41.2	33.0	49.6
151	80.6	67.0	100.6

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#10

Methyl Iodide

Concen: 43.96 ug/l

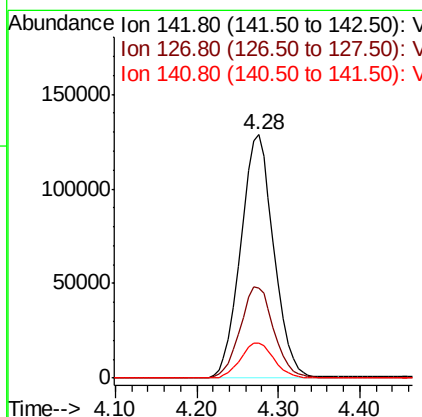
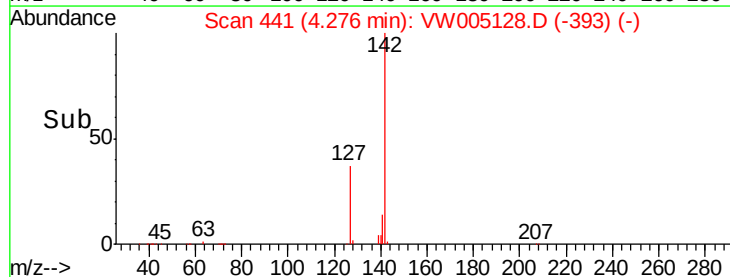
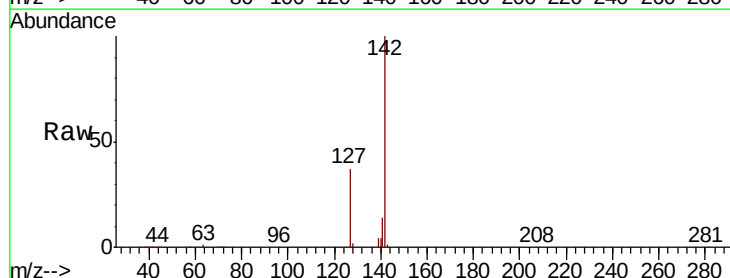
RT: 4.28 min Scan# 441

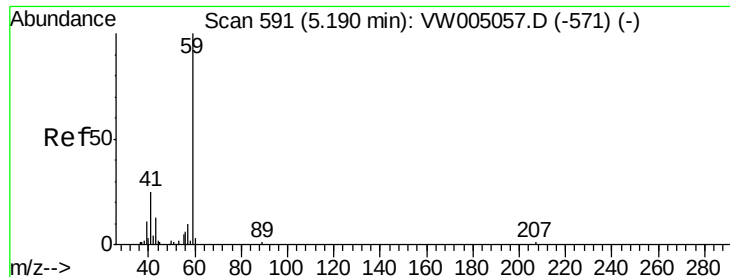
Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion:	142	Resp:	362909
Ion Ratio	Lower	Upper	
142	100		
127	38.3	30.8	46.2
141	14.7	11.6	17.4





#11

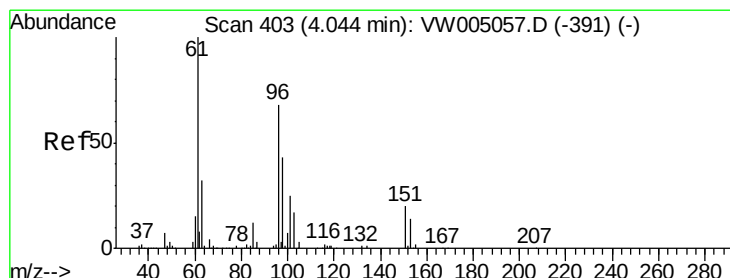
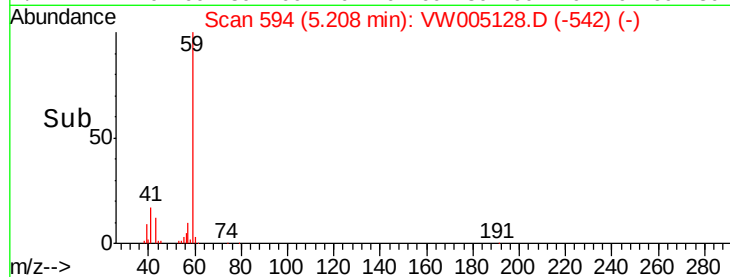
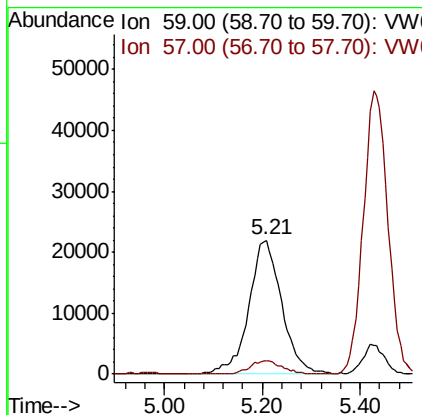
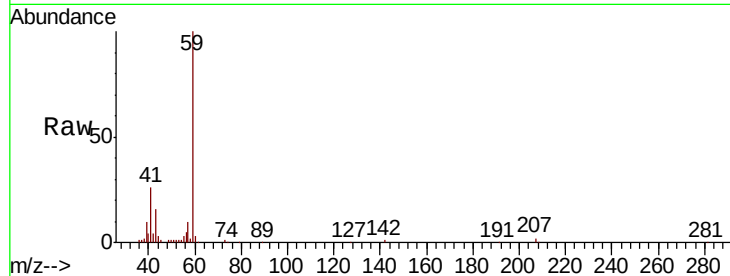
Tert butyl alcohol
Concen: 348.03 ug/l
RT: 5.21 min Scan# 594
Delta R.T. 0.02 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	9.9	Resp	102990	Lower	Upper
59	100								
57		9.9				8.6	12.8		

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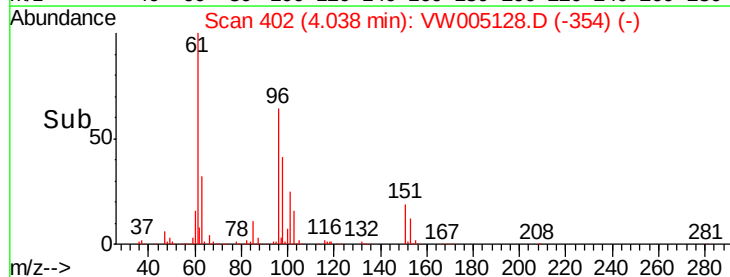
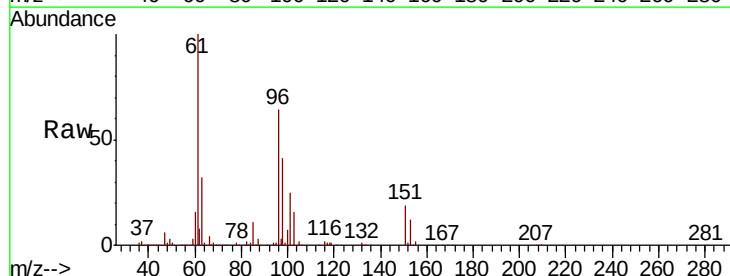
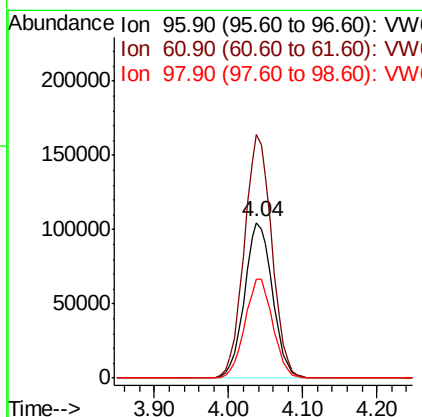
apatel
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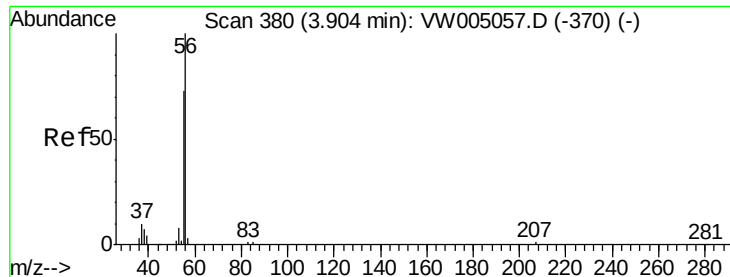


#12

1,1-Dichloroethene
Concen: 53.63 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	96	61	98	Ratio	100	156.7	64.0	Resp	275768	Lower	Upper
96	100										
61		156.7				117.4	176.0				
98		64.0				51.0	76.4				





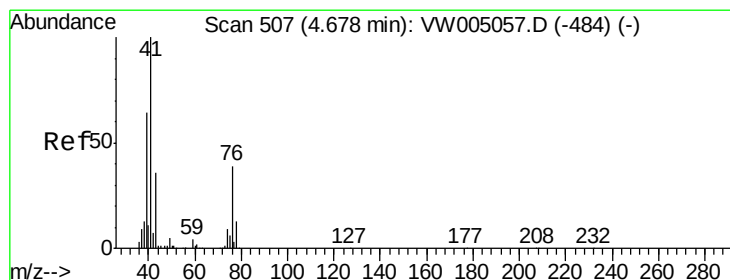
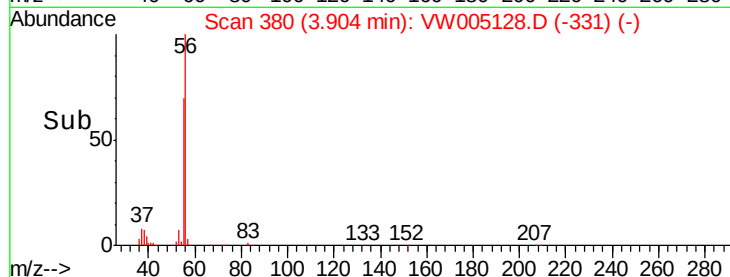
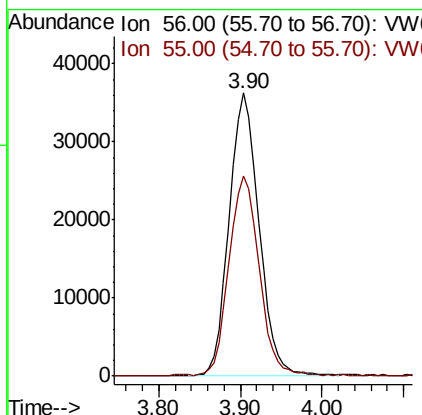
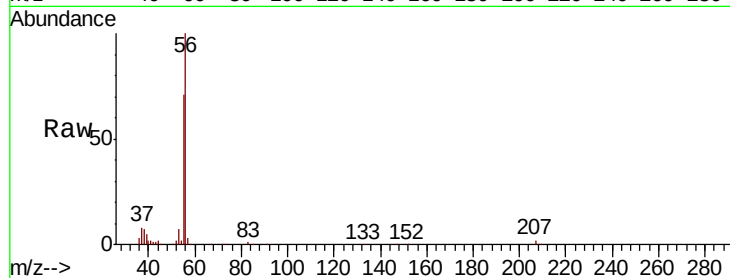
#13
Acrolein
Concen: 266.06 ug/l
RT: 3.90 min Scan# 380
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	58.1	87.1

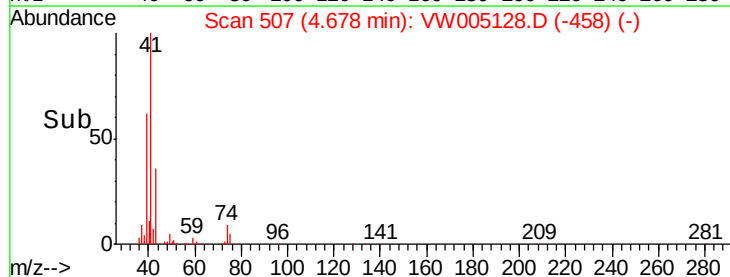
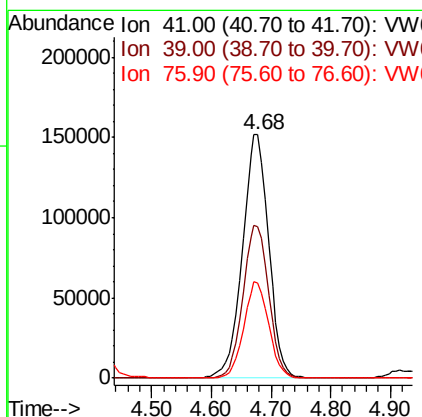
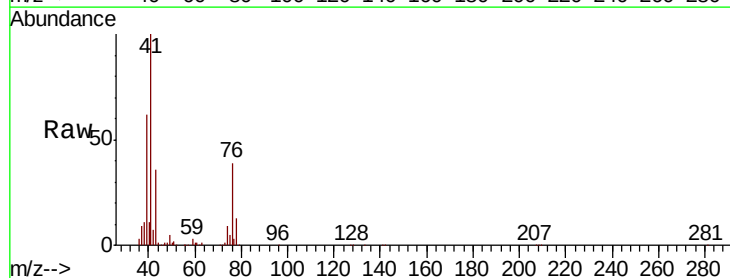
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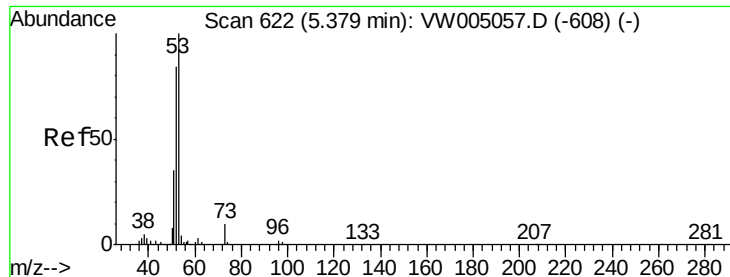
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#14
Allyl chloride
Concen: 57.97 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.7	49.4	74.2
76	37.4	31.8	47.6





#15

Acrylonitrile

Concen: 286.99 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

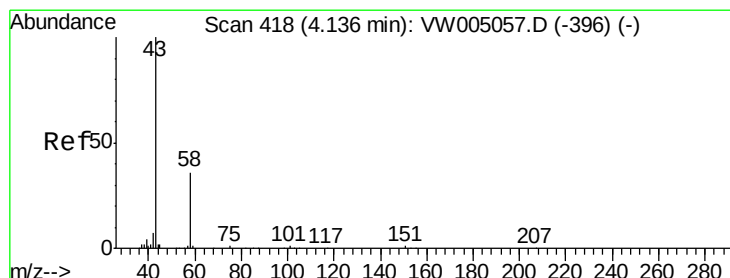
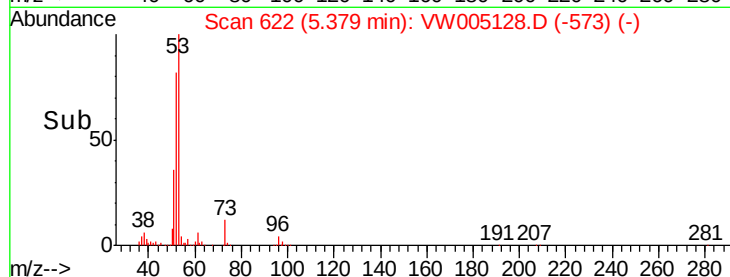
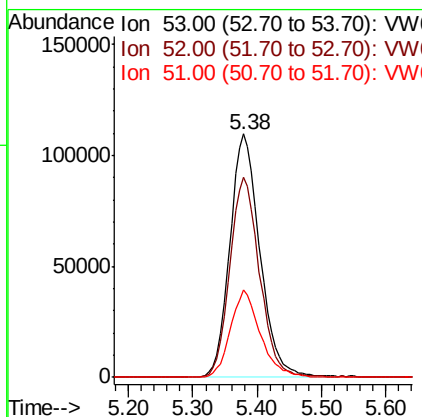
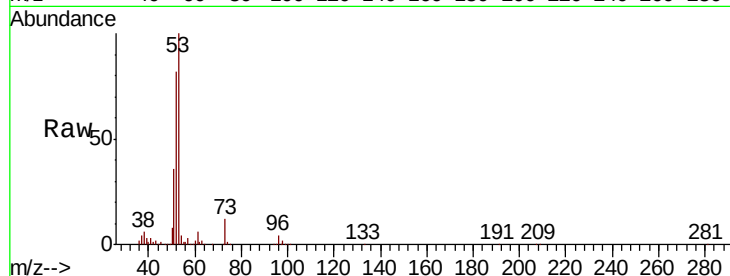
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	356287
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.7	98.5
51	35.8	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 289.69 ug/l

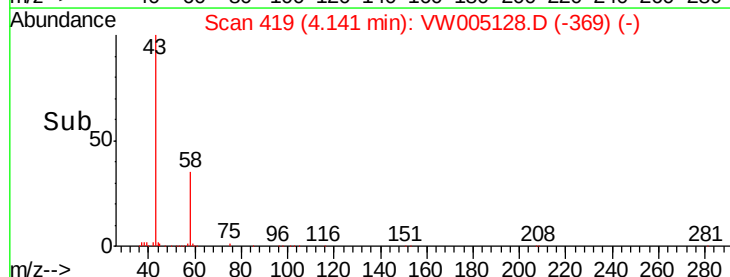
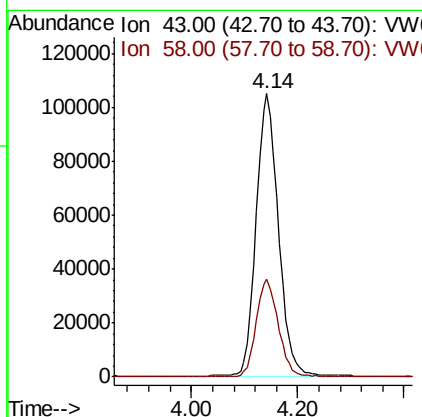
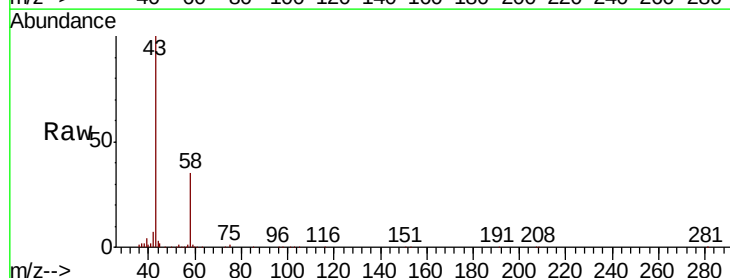
RT: 4.14 min Scan# 419

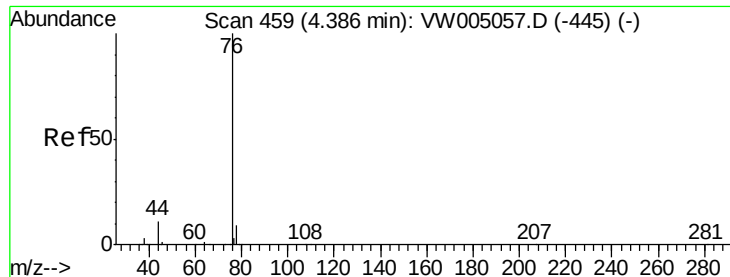
Delta R.T. 0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion:	43	Resp:	306266
Ion Ratio	Lower	Upper	
43	100		
58	34.5	29.0	43.6





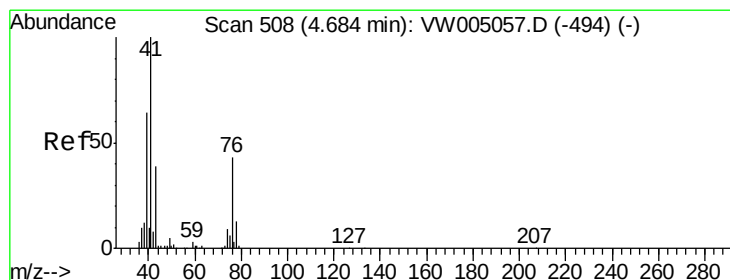
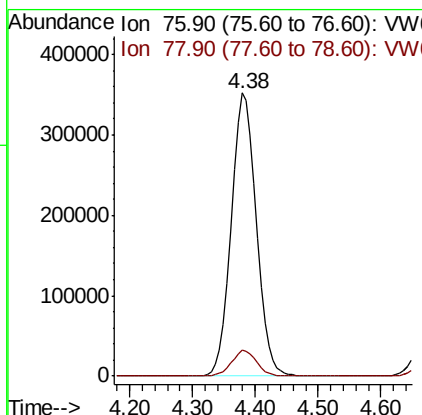
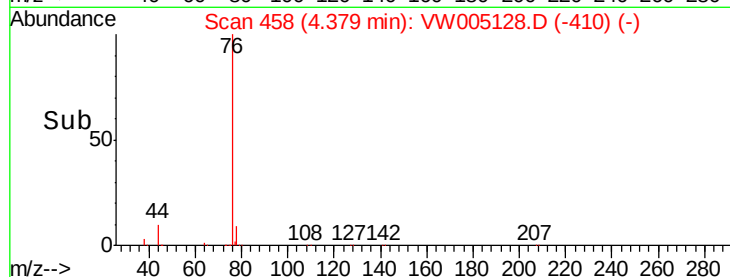
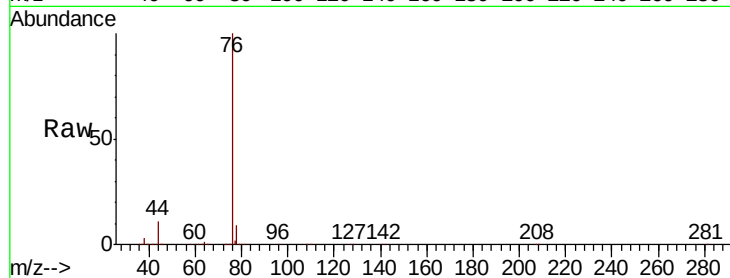
#17
Carbon Disulfide
Concen: 54.32 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

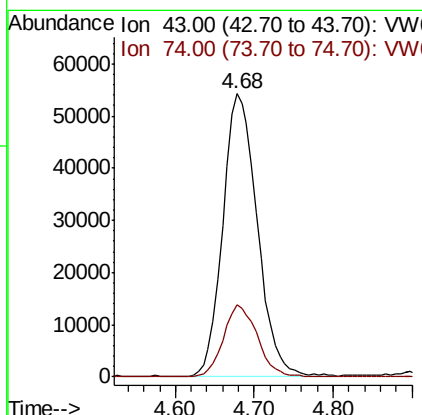
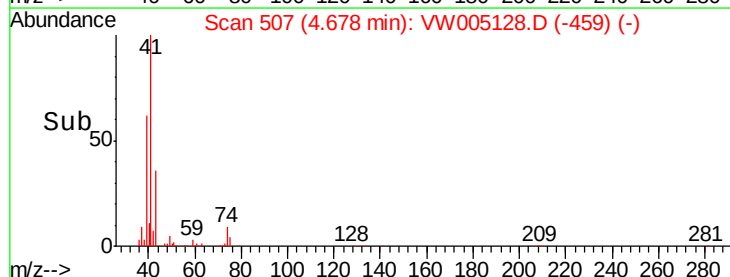
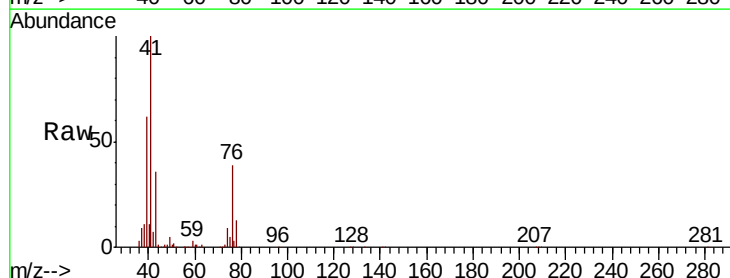
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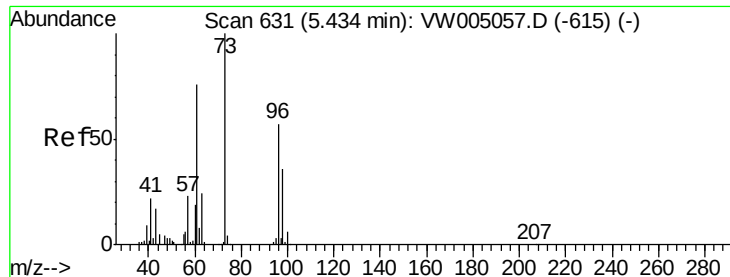
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#18
Methyl Acetate
Concen: 52.74 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	20.7	31.1





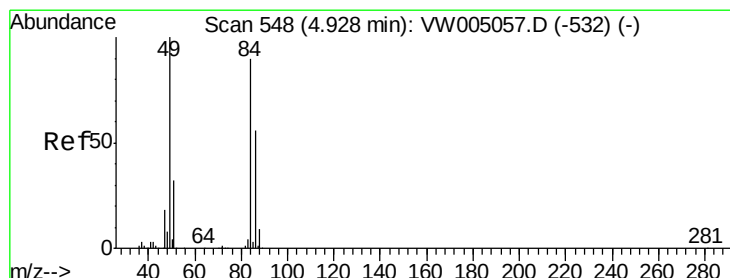
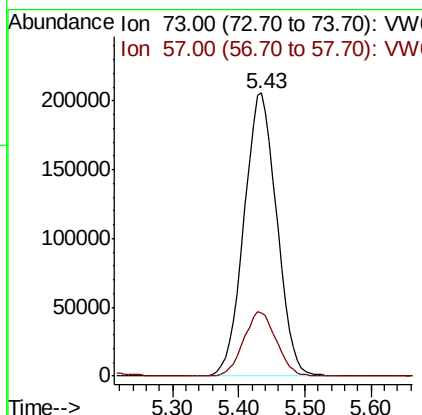
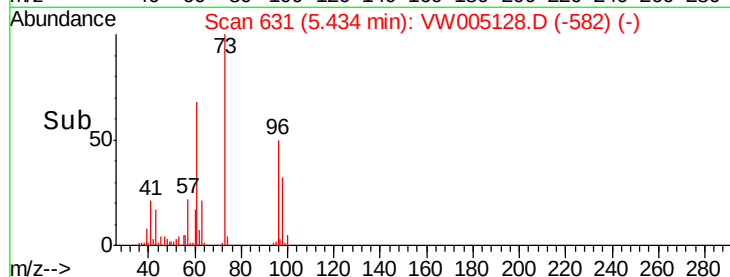
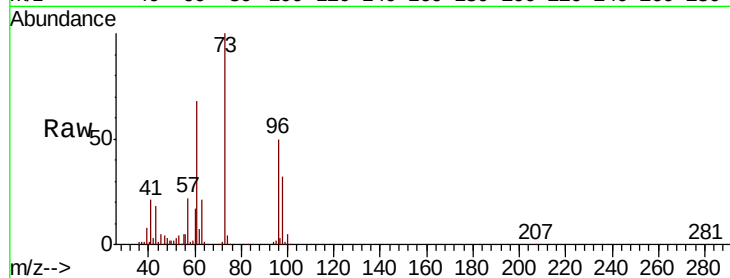
#19
Methyl tert-butyl Ether
Concen: 56.77 ug/l
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.1	27.1

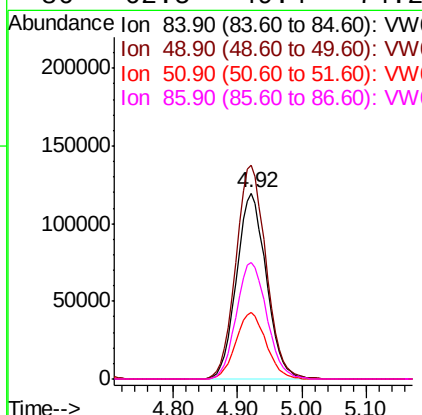
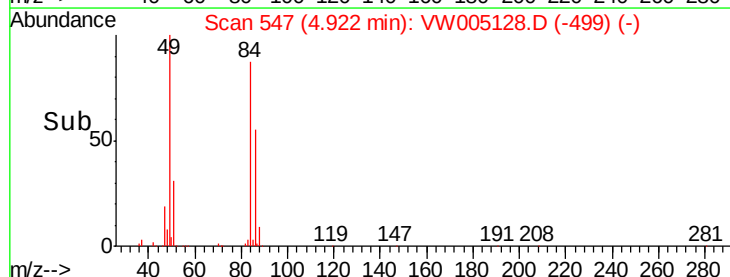
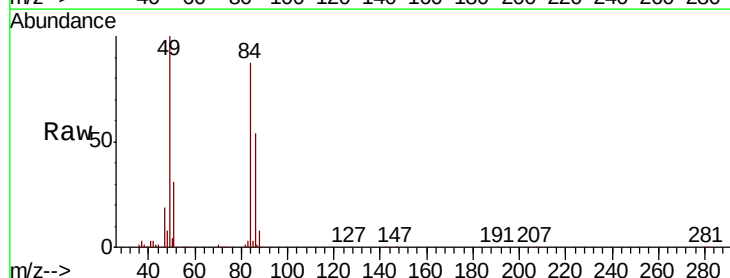
Manual Integrations
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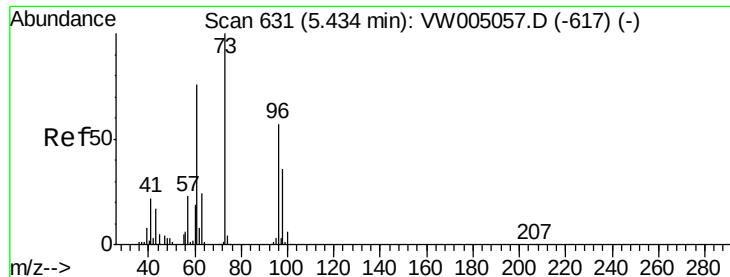
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#20
Methylene Chloride
Concen: 53.80 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.1	88.7	133.1
51	35.5	28.6	42.8
86	62.5	49.4	74.2





#21

trans-1,2-Dichloroethene

Concen: 50.79 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

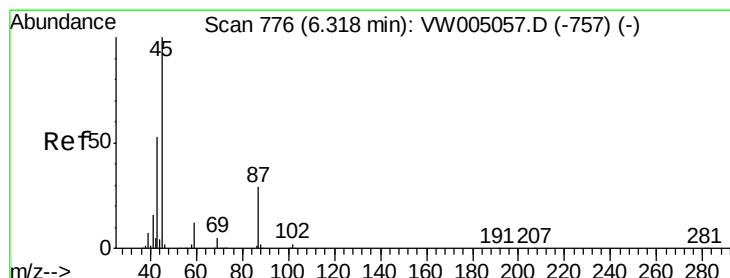
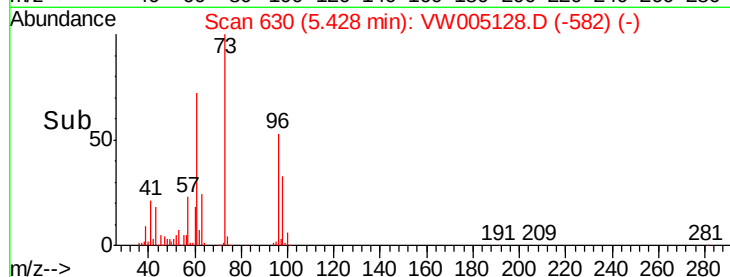
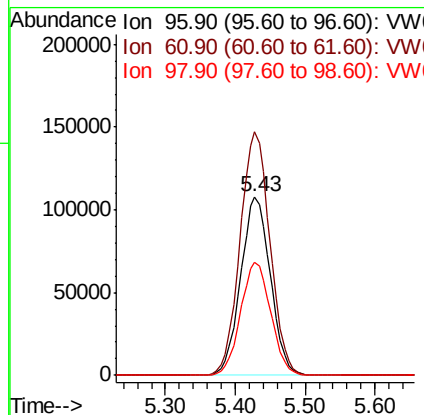
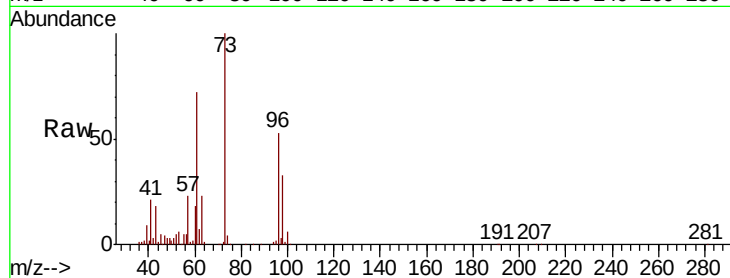
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	318202
Ion	Ratio	Lower	Upper
96	100		
61	136.1	106.3	159.5
98	63.2	50.9	76.3

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#22

Diisopropyl ether

Concen: 57.83 ug/l

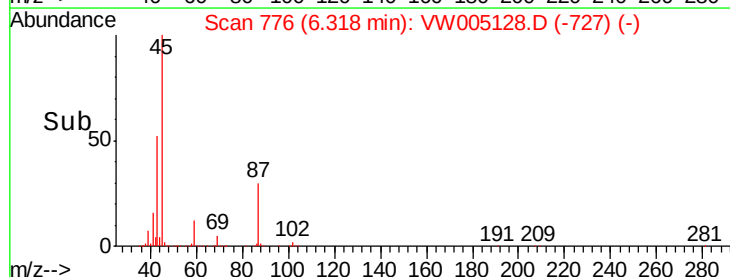
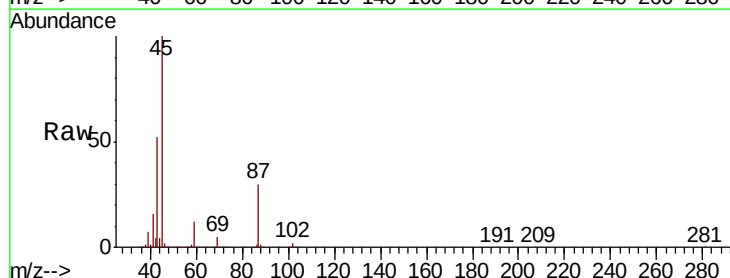
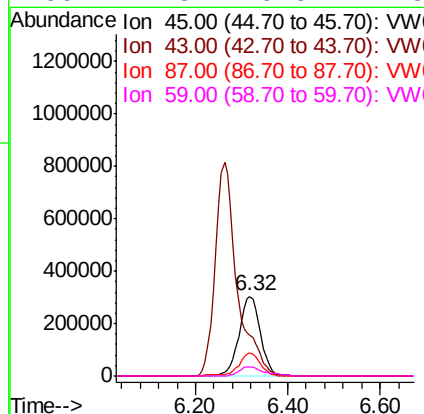
RT: 6.32 min Scan# 776

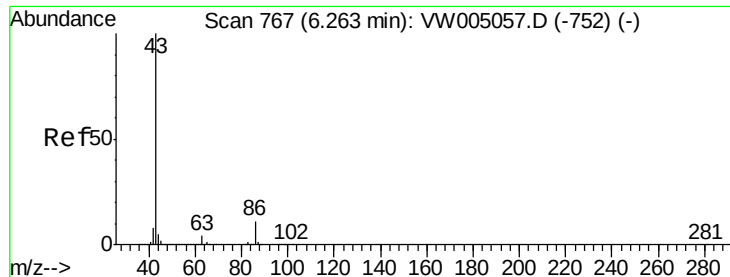
Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion:	45	Resp:	978230
Ion	Ratio	Lower	Upper
45	100		
43	52.1	42.6	63.8
87	29.6	23.6	35.4
59	11.8	9.8	14.8





#23

Vinyl Acetate

Concen: 303.30 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2694712

Ion Ratio Lower Upper

43 100

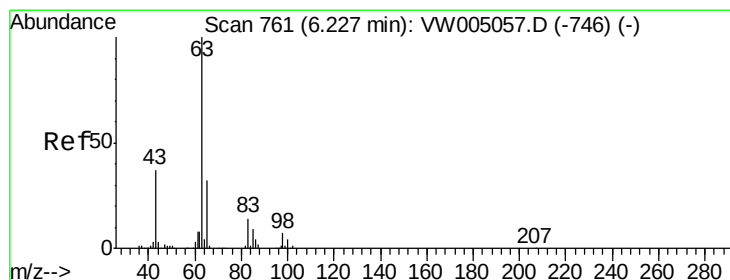
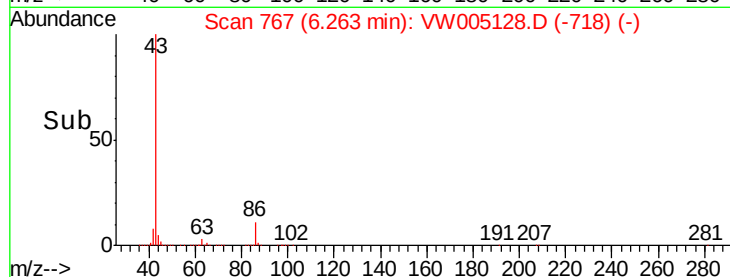
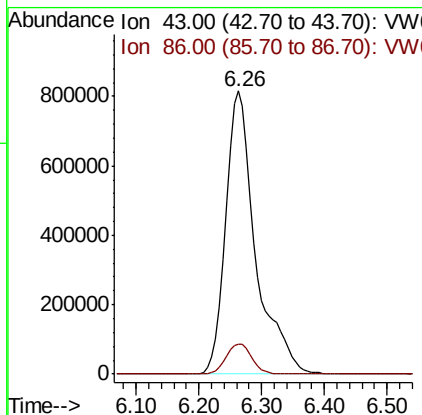
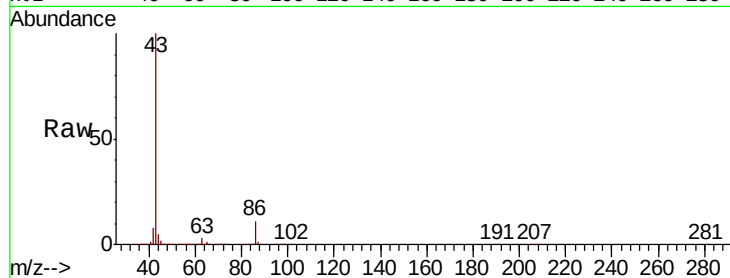
86 10.8 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 52.90 ug/l

RT: 6.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

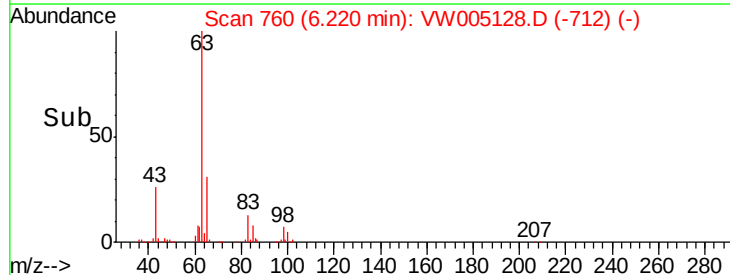
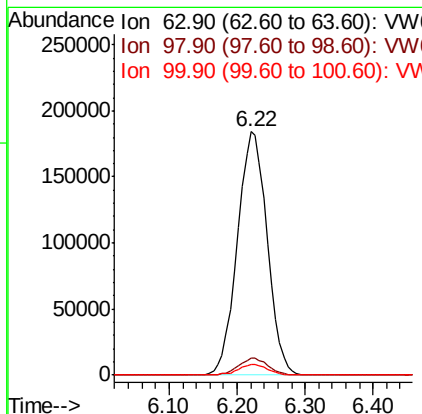
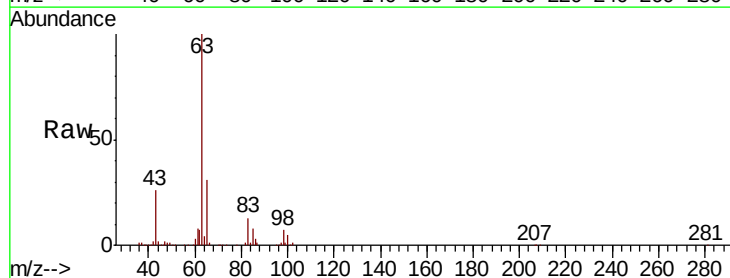
Tgt Ion: 63 Resp: 559327

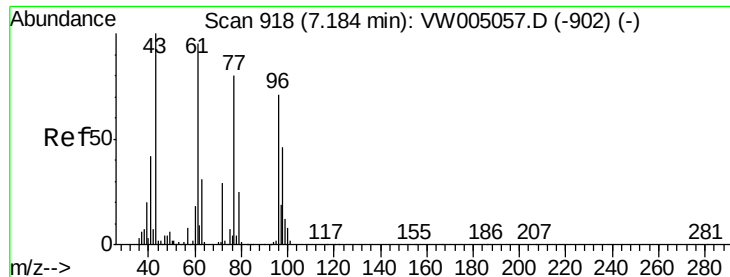
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 286.15 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 524712

Ion Ratio Lower Upper

43 100

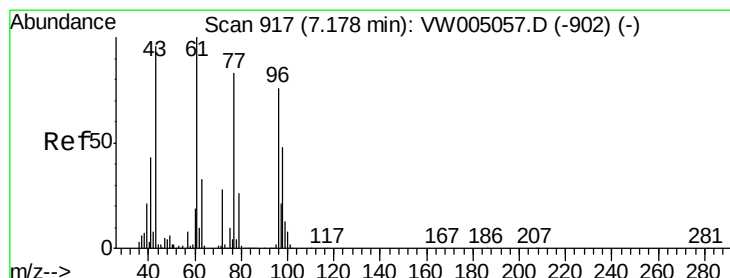
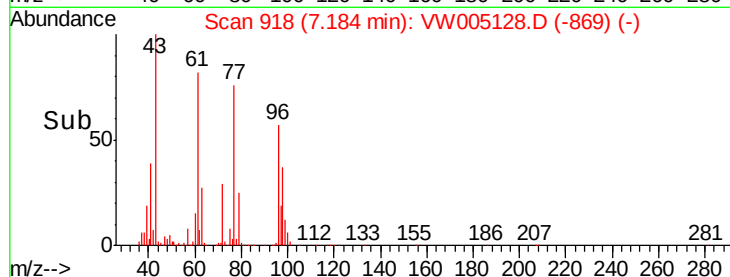
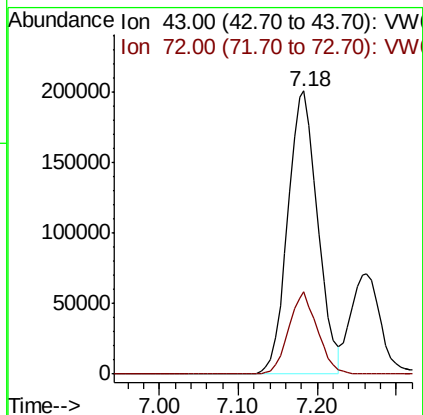
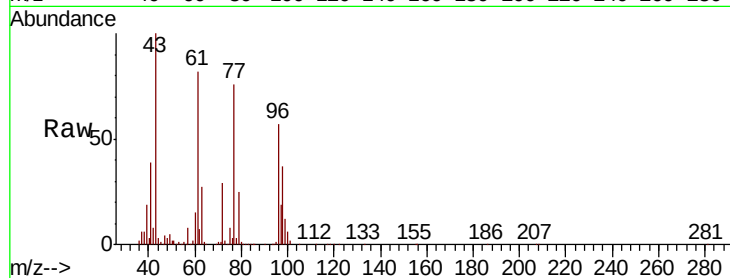
72 29.0 23.1 34.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 58.45 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005128.D

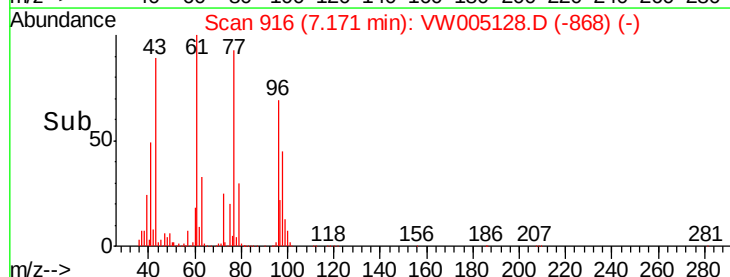
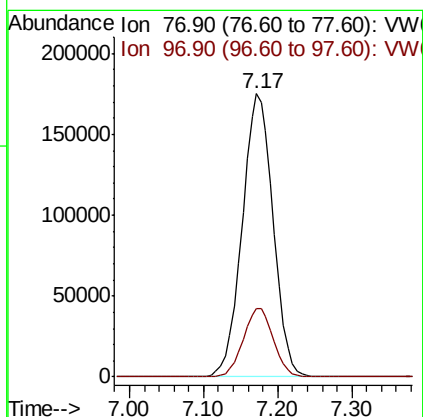
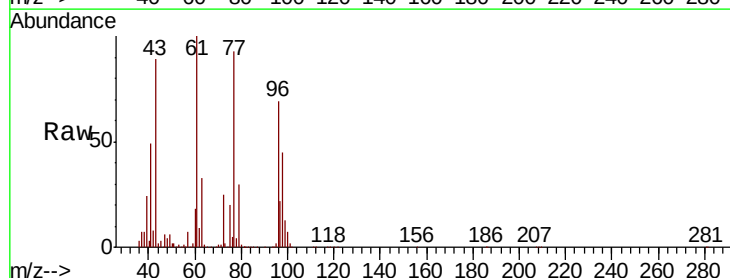
Acq: 05 Sep 2018 14:32

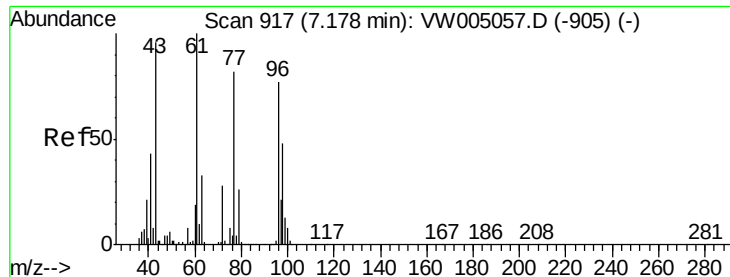
Tgt Ion: 77 Resp: 507862

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 51.01 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

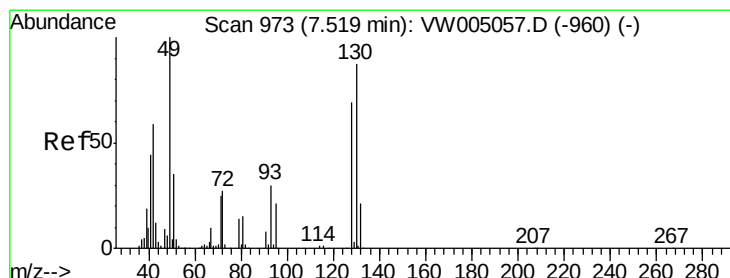
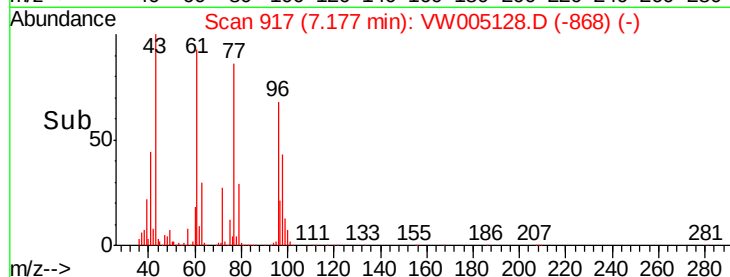
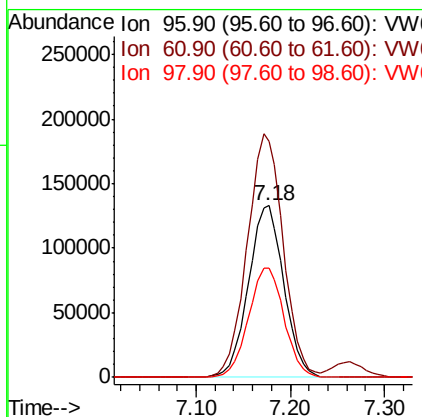
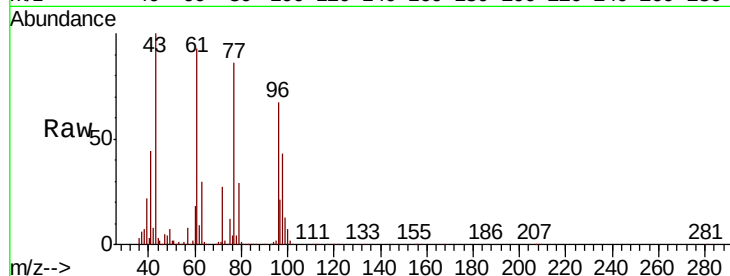
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	349618
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	273.2
98	64.2	0.0	127.8

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#28

Bromochloromethane

Concen: 51.10 ug/l

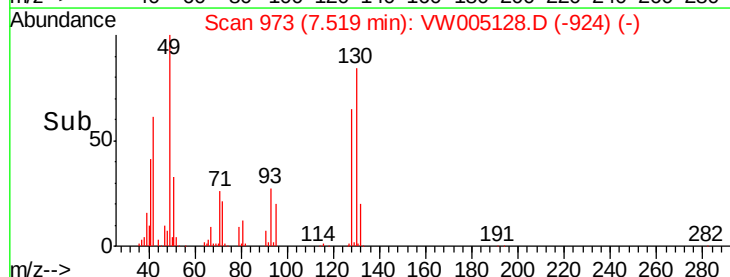
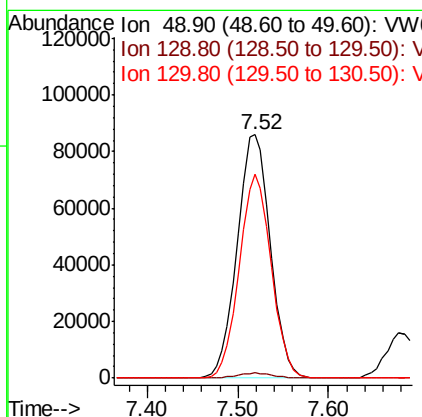
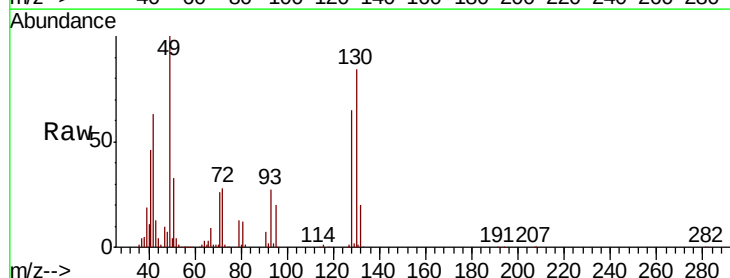
RT: 7.52 min Scan# 973

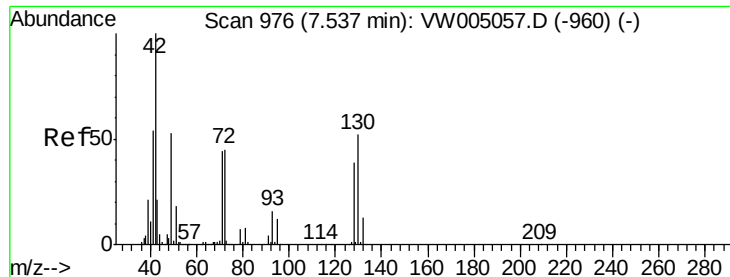
Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion:	49	Resp:	217468
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	80.6	69.6	104.4





#29

Tetrahydrofuran

Concen: 285.22 ug/l

RT: 7.54 min Scan# 976

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

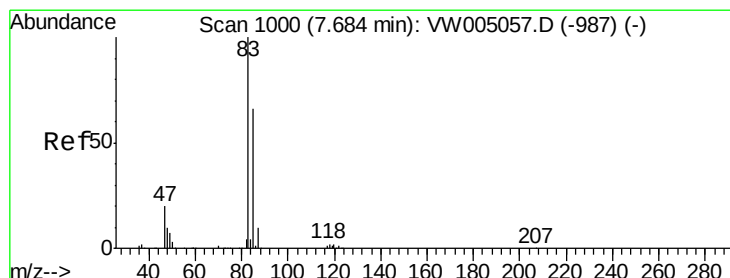
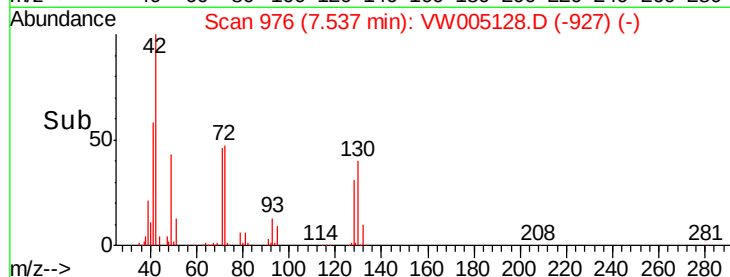
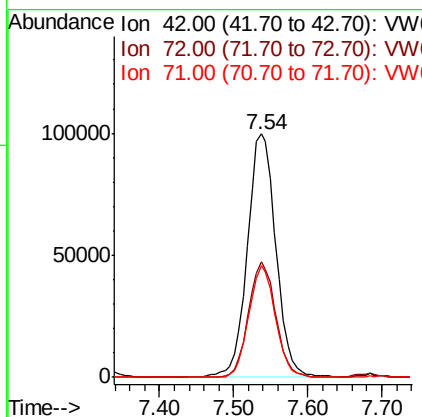
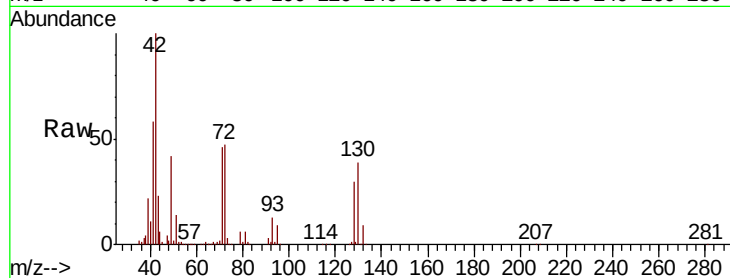
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	267240
Ion	Ratio	Lower	Upper
42	100		
72	45.5	37.0	55.4
71	43.1	35.0	52.6

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#30

Chloroform

Concen: 50.37 ug/l

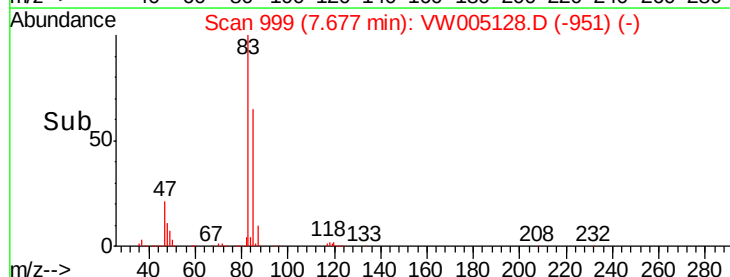
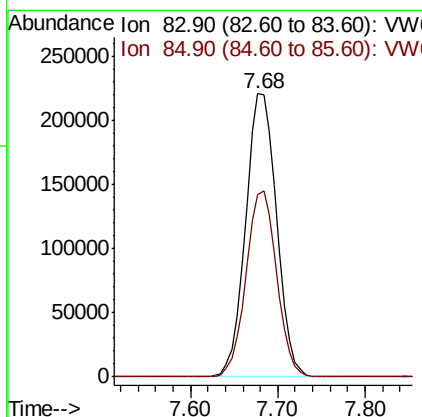
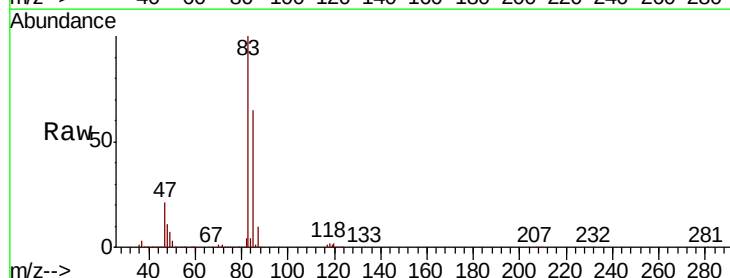
RT: 7.68 min Scan# 999

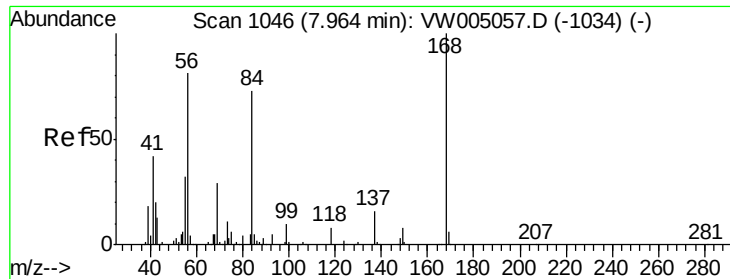
Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion:	83	Resp:	543554
Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.1	79.7





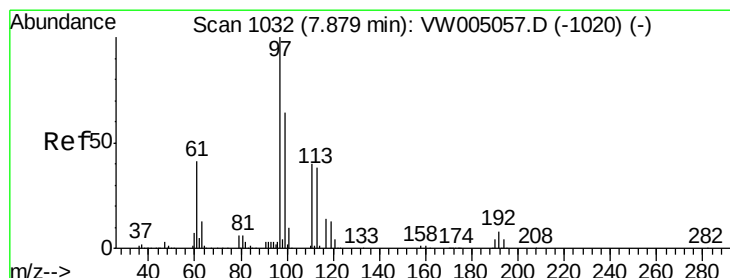
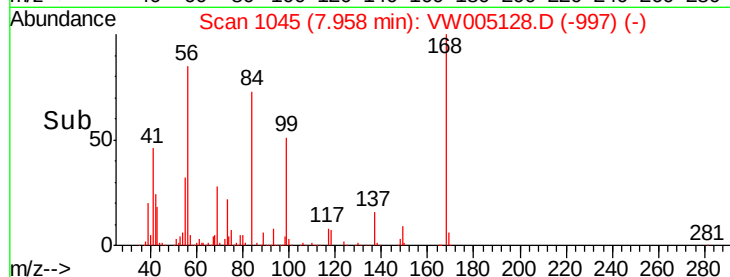
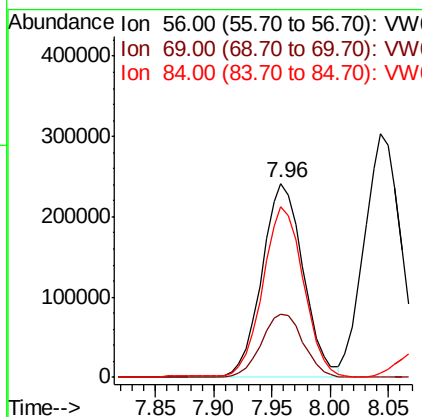
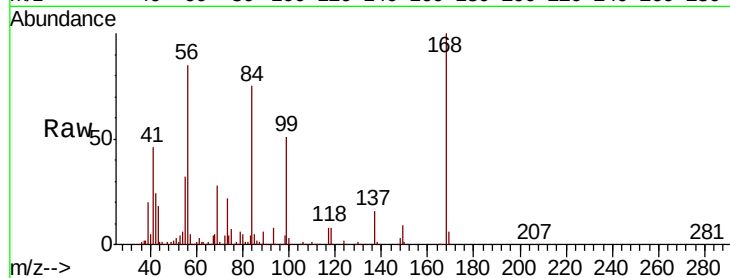
#31
Cyclohexane
Concen: 57.29 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	28.2	42.2
84	86.9	71.8	107.8

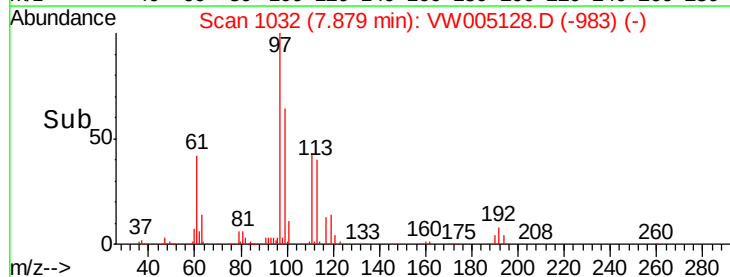
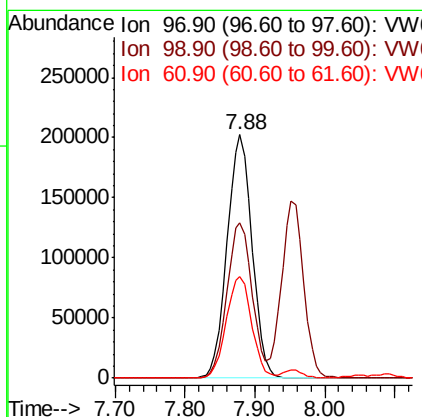
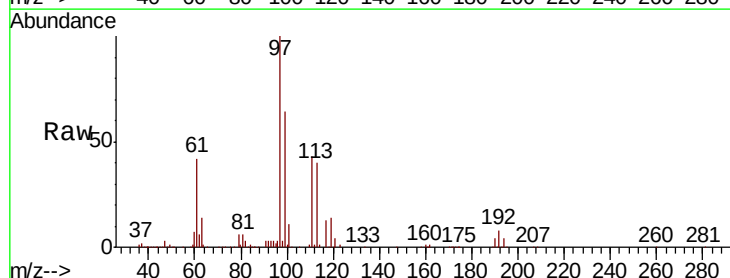
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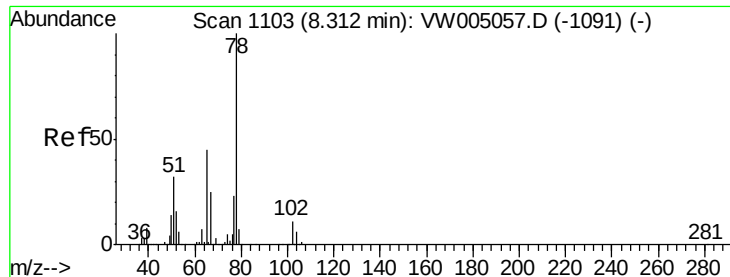
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#32
1,1,1-Trichloroethane
Concen: 53.24 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	42.4	33.2	49.8





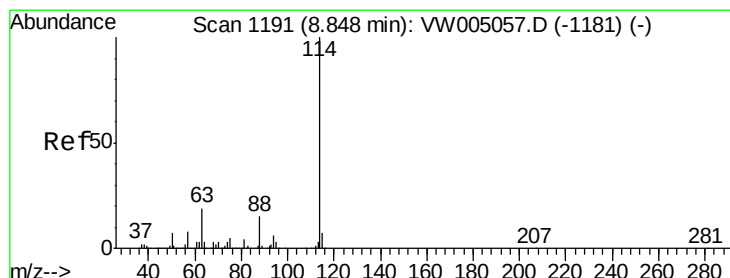
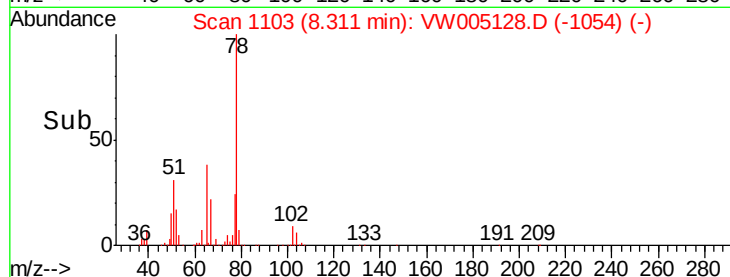
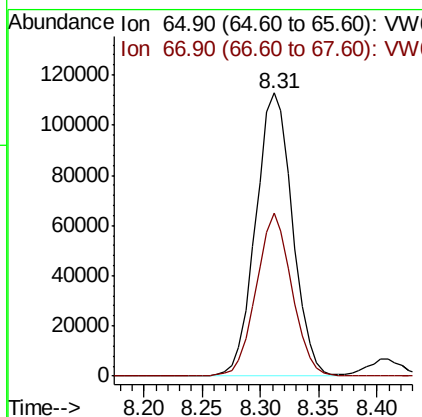
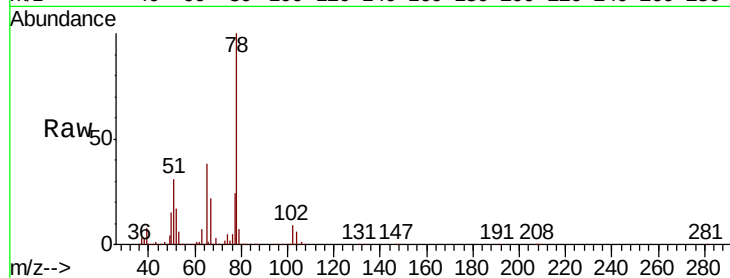
#33
 1,2-Dichloroethane-d4
 Concen: 47.01 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	247825		
67	55.9	0.0	109.4	

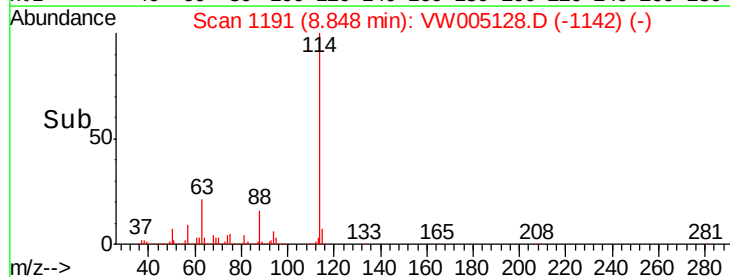
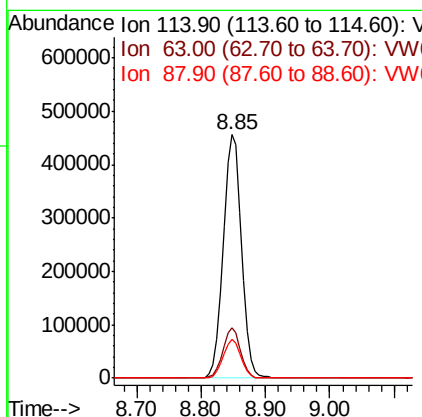
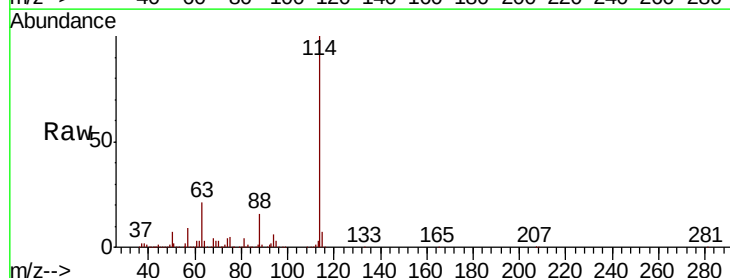
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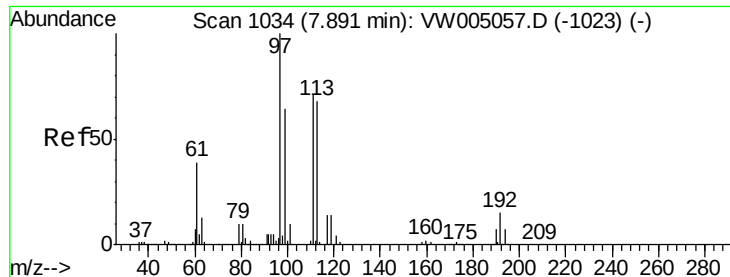
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	913166		
63	20.6	0.0	38.0	
88	15.8	0.0	30.2	





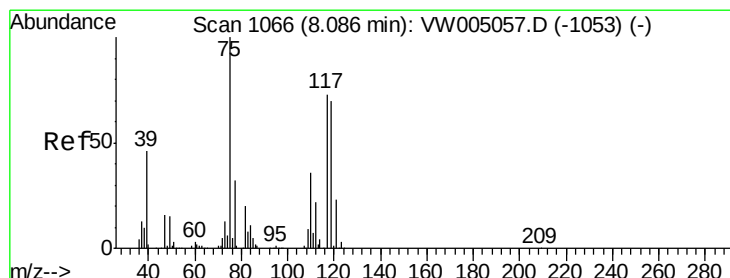
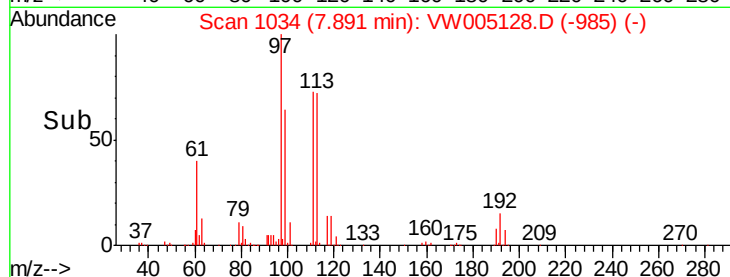
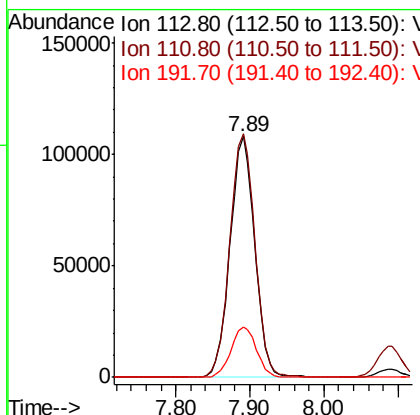
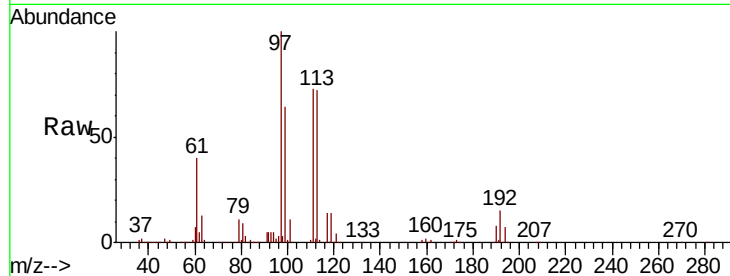
#35
Dibromofluoromethane
Concen: 47.49 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	250606		
111	103.2	82.2	123.2	
192	21.5	18.1	27.1	

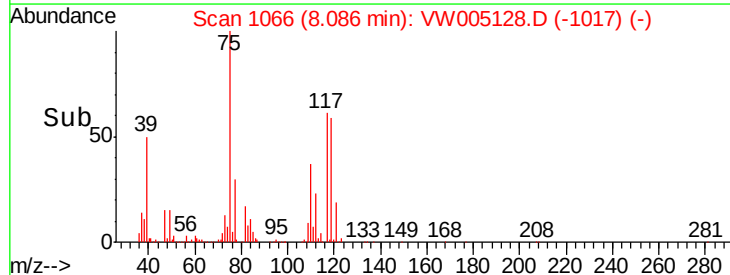
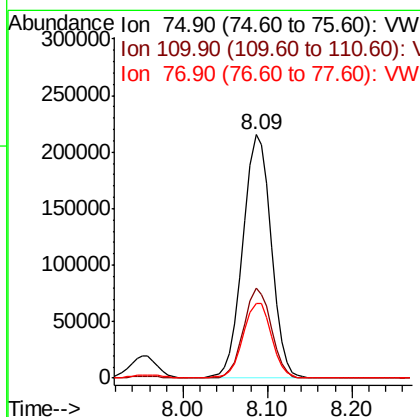
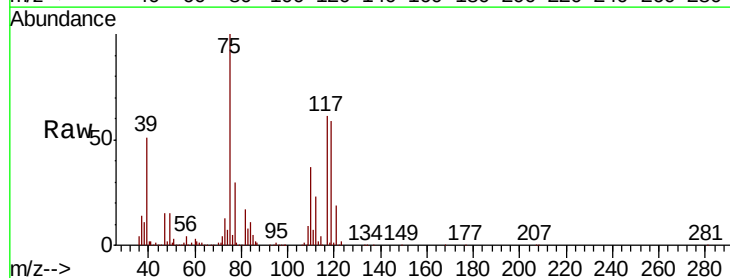
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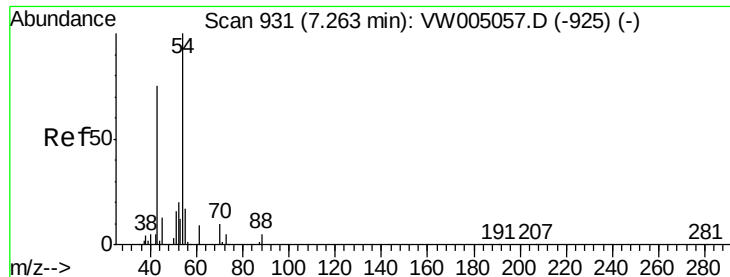
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#36
1,1-Dichloropropene
Concen: 56.03 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	487325		
110	36.1	18.9	56.7	
77	31.3	25.5	38.3	





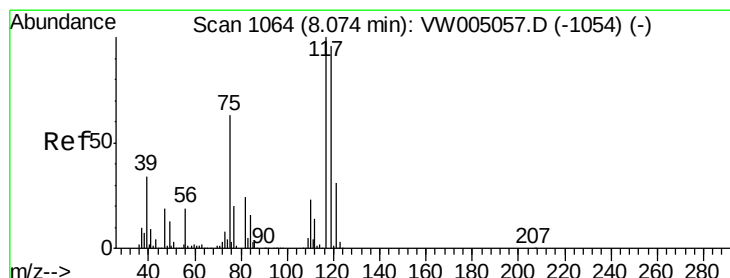
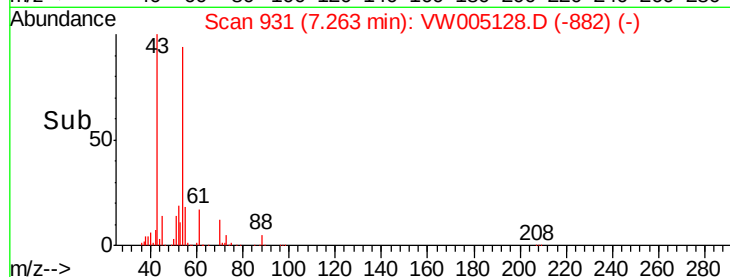
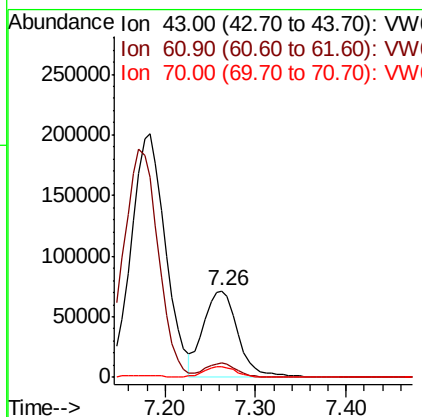
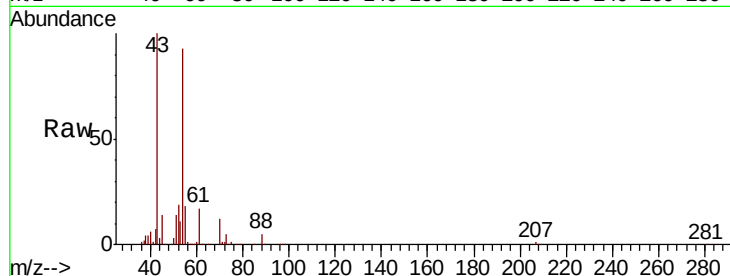
#37
Ethyl Acetate
Concen: 57.91 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.1	18.1
70	11.4	9.4	14.2

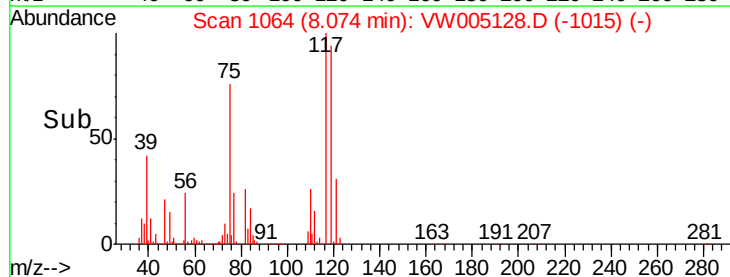
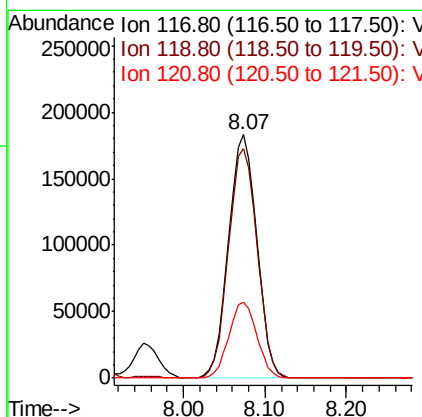
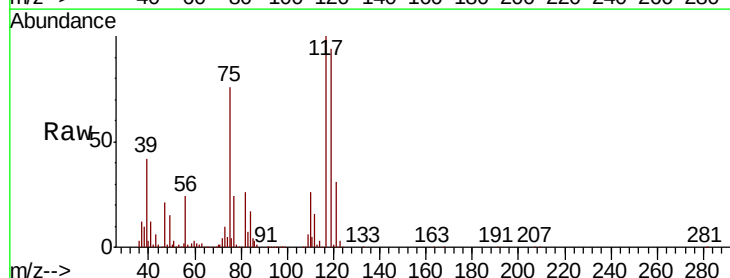
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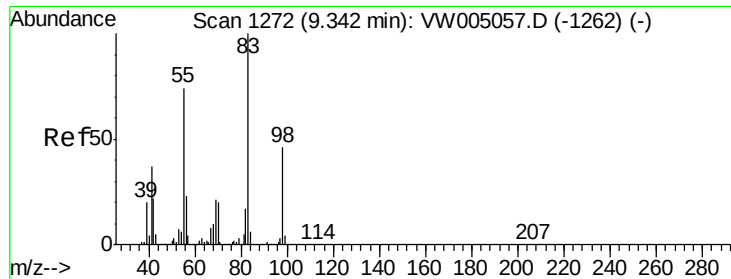
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#38
Carbon Tetrachloride
Concen: 52.89 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.6	115.0
121	31.2	24.8	37.2





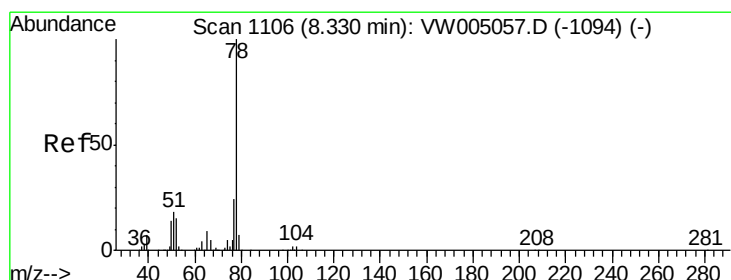
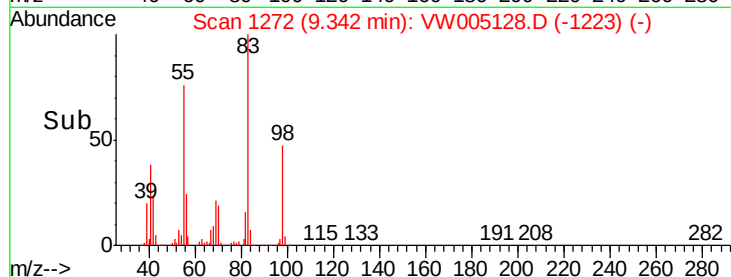
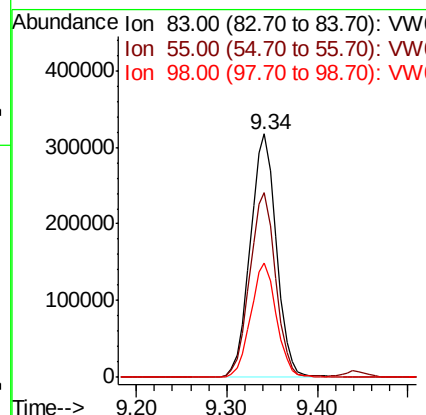
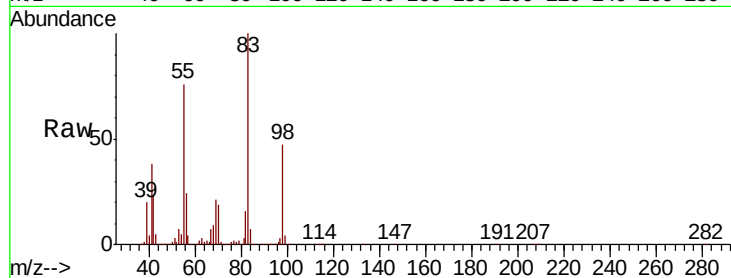
#39
Methylvlcyclohexane
Concen: 60.20 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	58.9	88.3
98	46.8	36.8	55.2

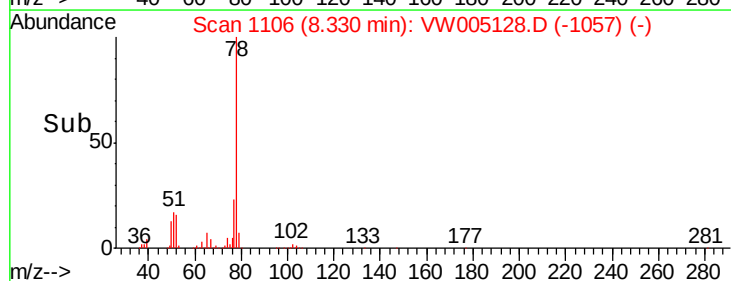
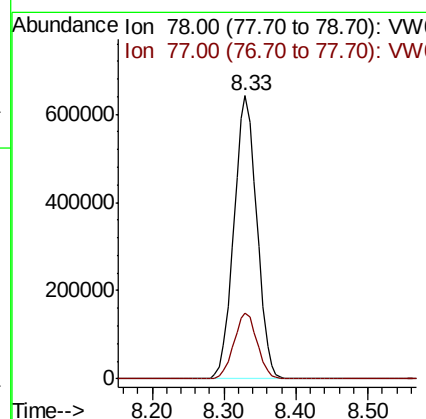
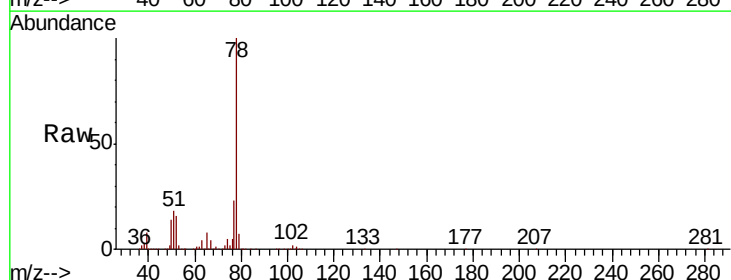
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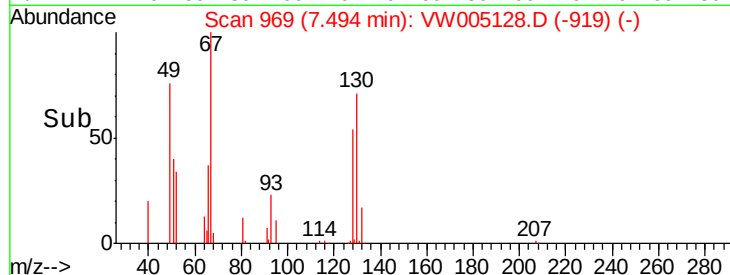
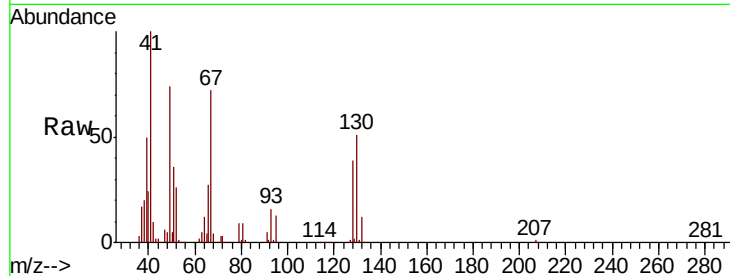
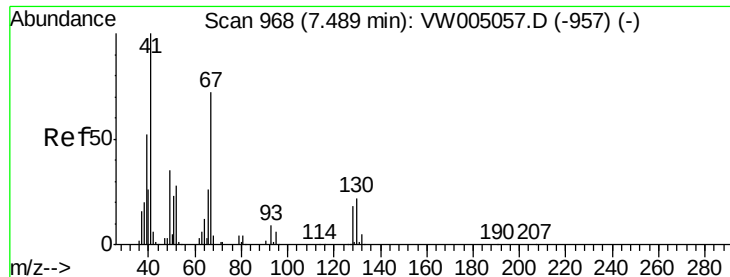
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#40
Benzene
Concen: 53.37 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.0





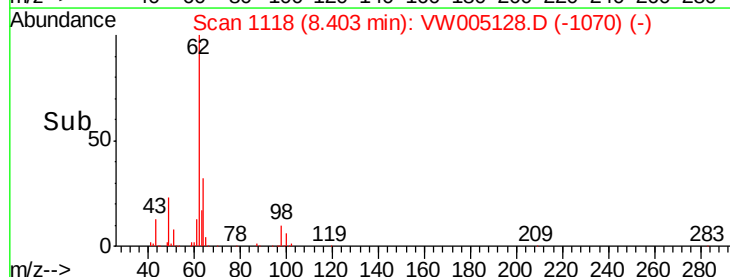
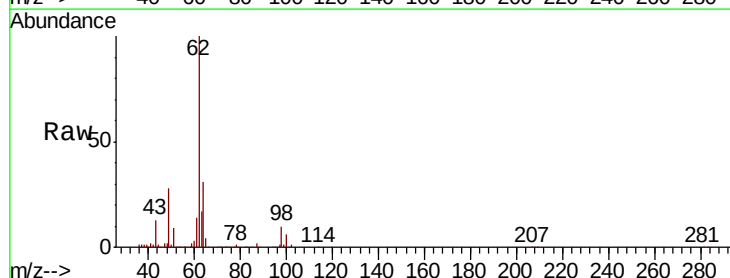
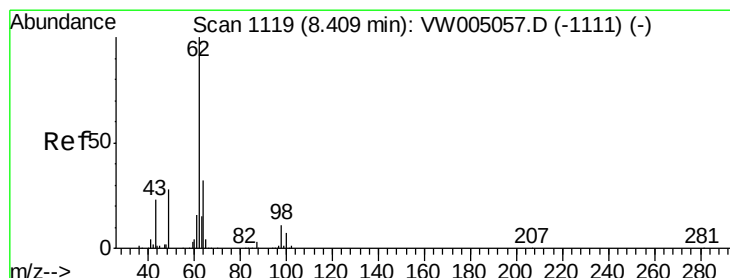
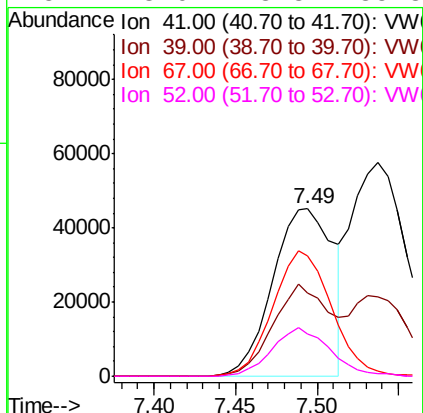
#41
Methacrylonitrile
Concen: 61.95 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		116740		
39	51.0	41.8	62.8		
67	72.8	60.4	90.6		
52	28.0	23.8	35.8		

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

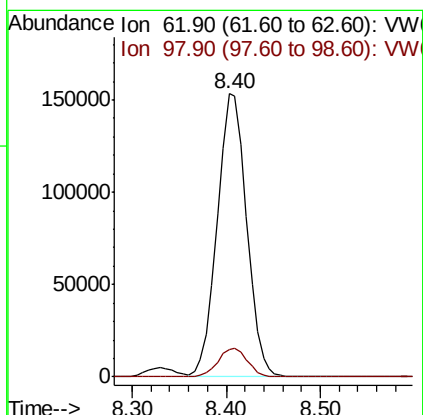
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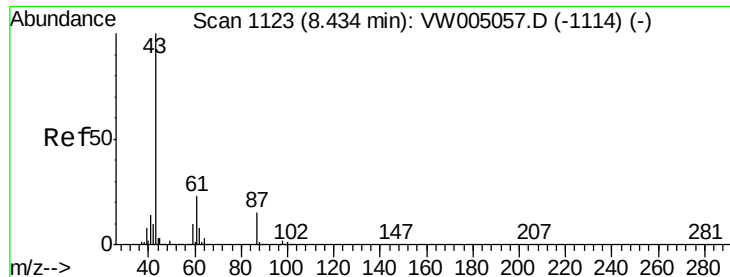
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#42
1,2-Dichloroethane
Concen: 51.02 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		332475		
98	10.2	0.0	21.8		





#43

Isopropyl Acetate

Concen: 60.17 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

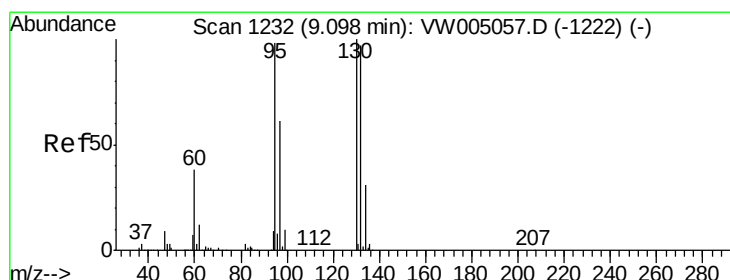
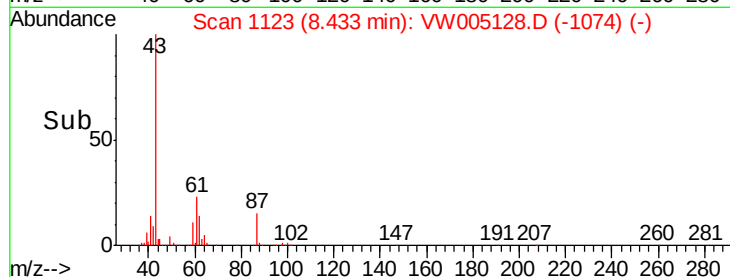
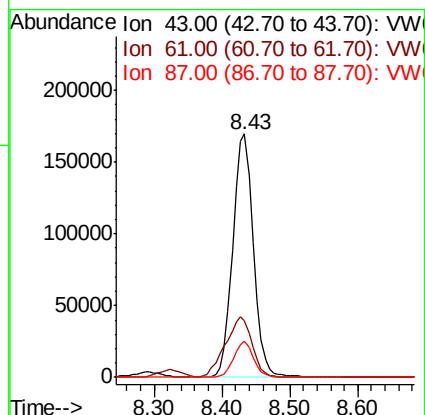
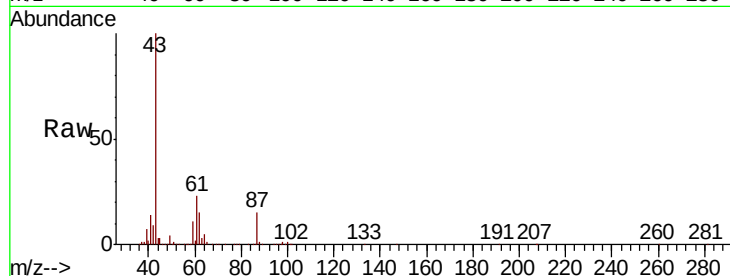
ClientSampleId :

VSTDCCC050

Tot Ion	43	Resp	356088
Ion	Ratio	Lower	Upper
43	100		
61	31.9	26.8	40.2
87	14.4	11.6	17.4

Manual Integrations
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#44

Trichloroethene

Concen: 51.87 ug/l

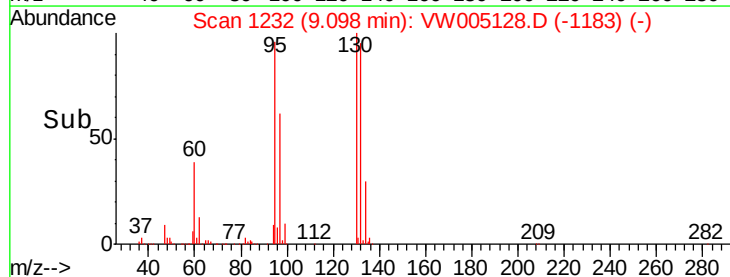
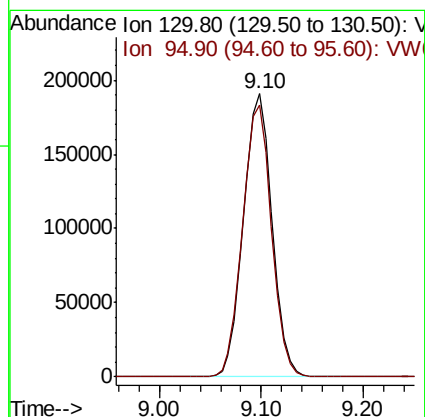
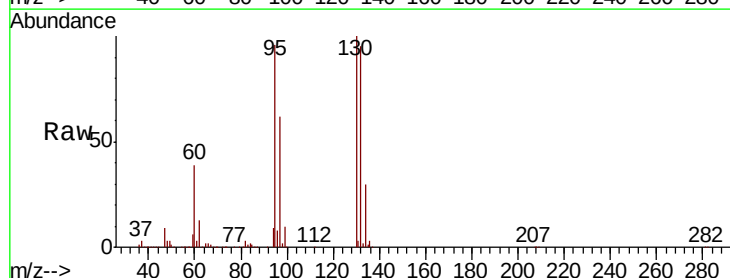
RT: 9.10 min Scan# 1232

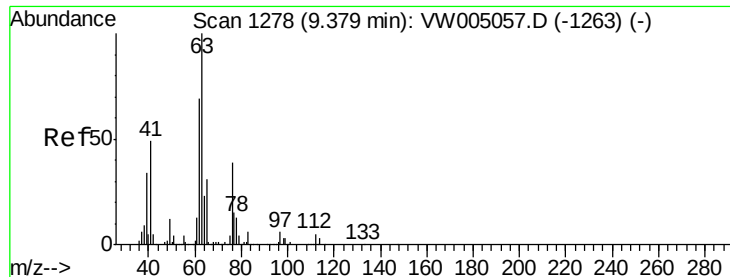
Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion	130	Resp	372630
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	195.2





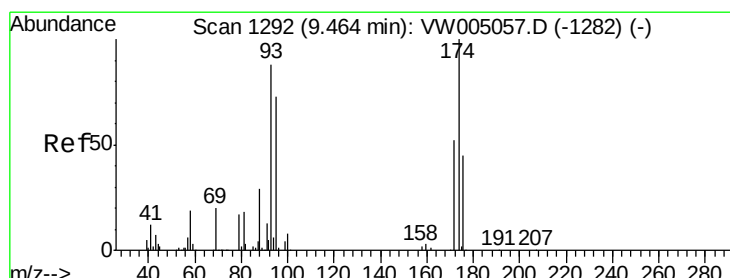
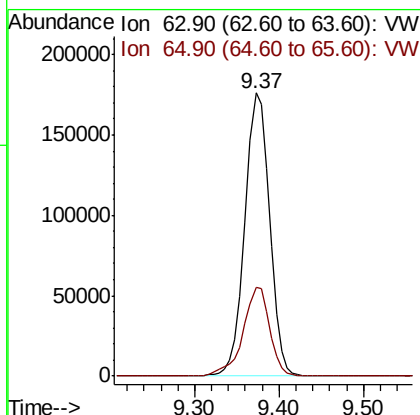
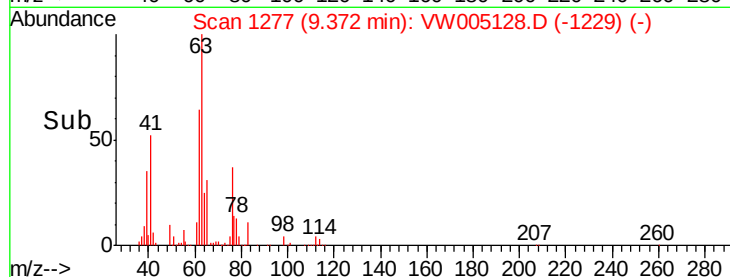
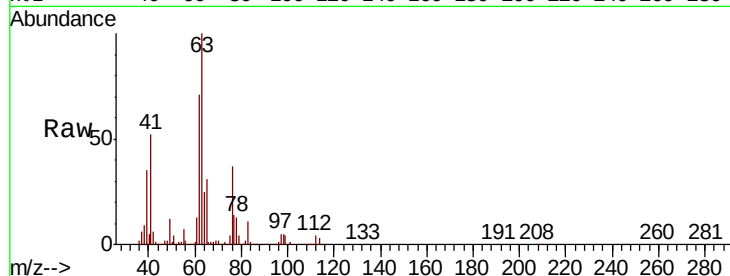
#45
 1,2-Dichloropropane
 Concen: 53.58 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.6	37.0

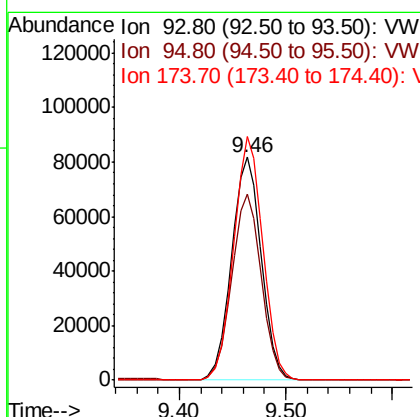
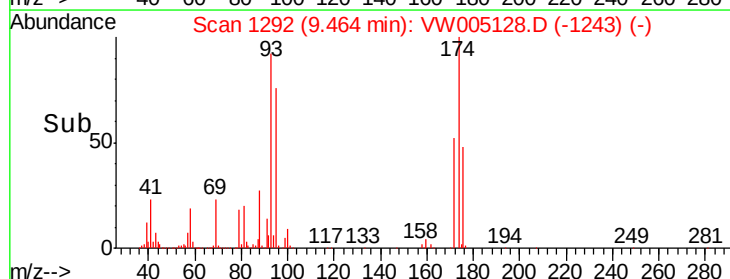
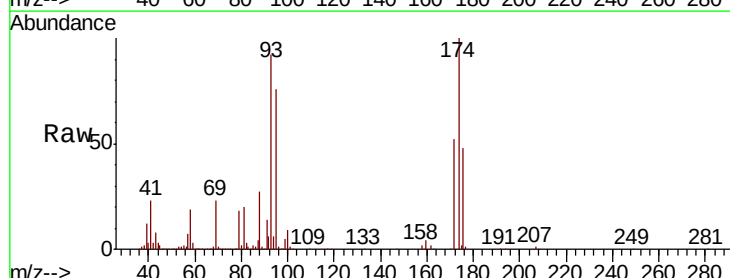
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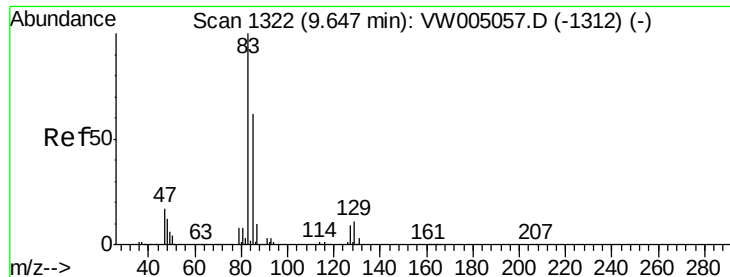
apatel
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#46
 Dibromomethane
 Concen: 51.53 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.2	99.4
174	107.3	92.0	138.0





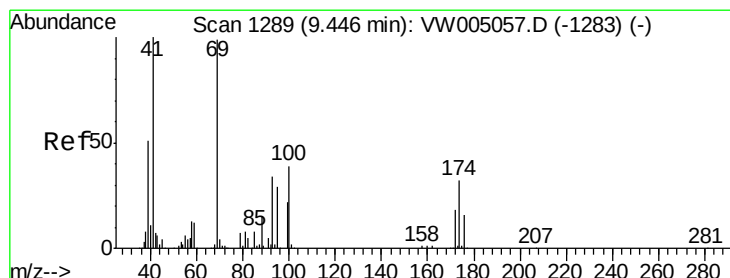
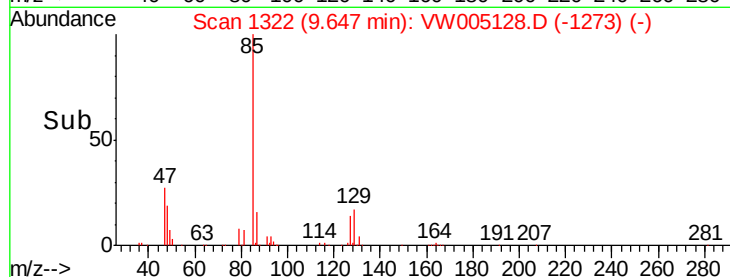
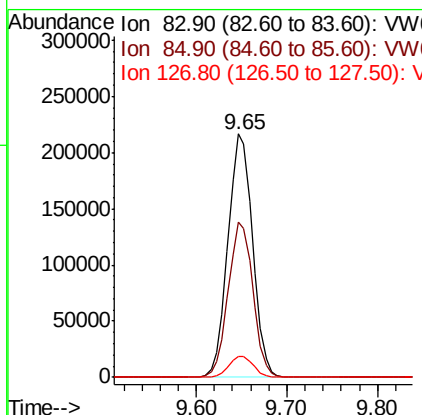
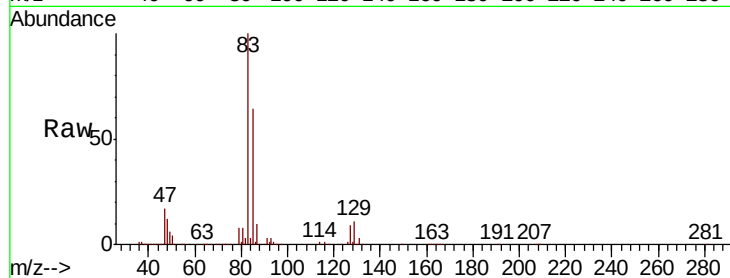
#47
 Bromodichloromethane
 Concen: 52.26 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	409267		
85	63.7	49.8	74.6	
127	8.6	7.0	10.4	

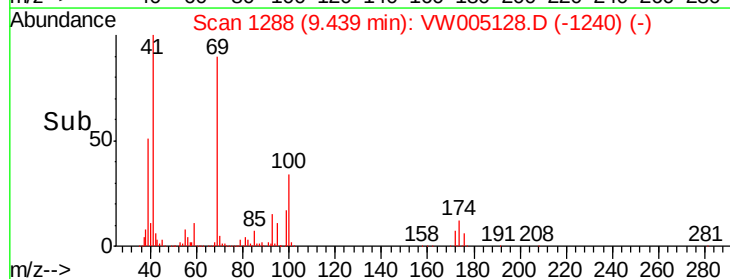
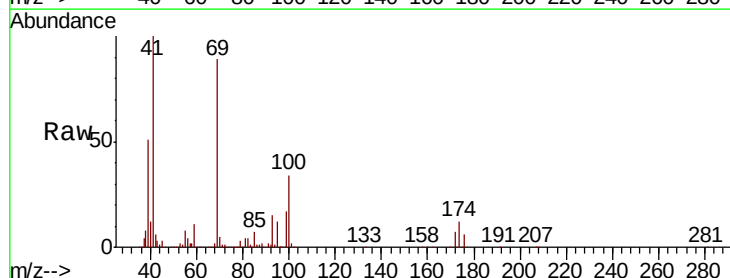
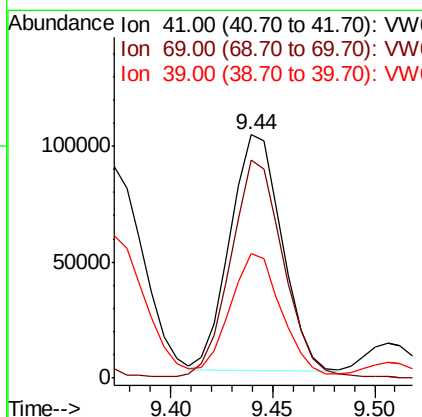
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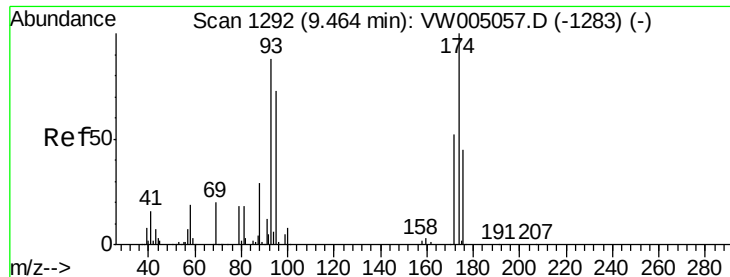
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#48
 Methyl methacrylate
 Concen: 63.18 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	180039		
69	94.6	80.4	120.6	
39	49.7	43.5	65.3	





#49

1,4-Dioxane

Concen: 1237.86 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. 0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

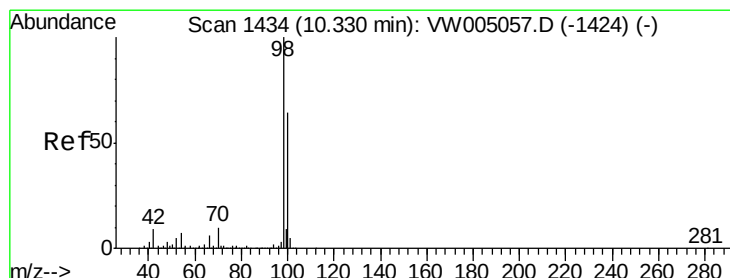
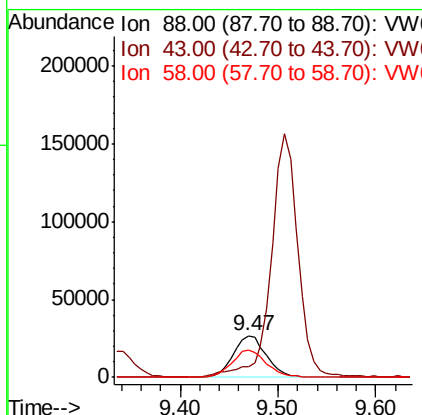
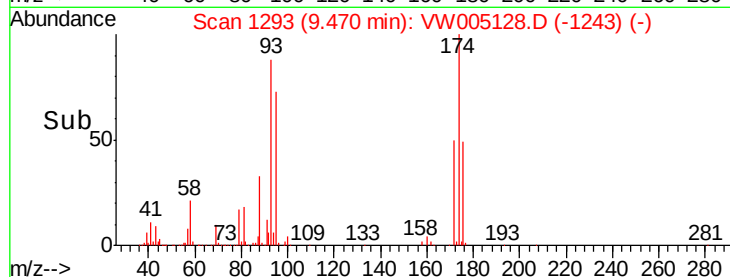
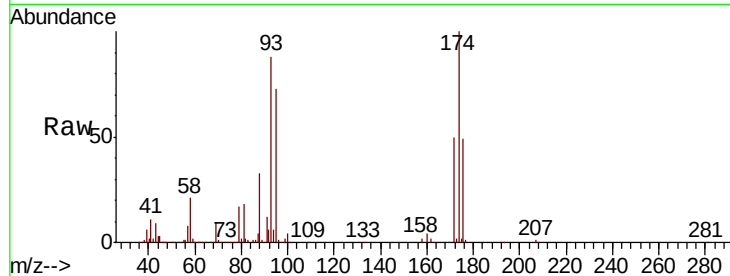
ClientSampled :

VSTDCCC050

Tot Ion:	88	Resp:	62259
Ion Ratio	Lower	Upper	
88	100		
43	0.0	19.8	29.6#
58	70.4	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 51.18 ug/l

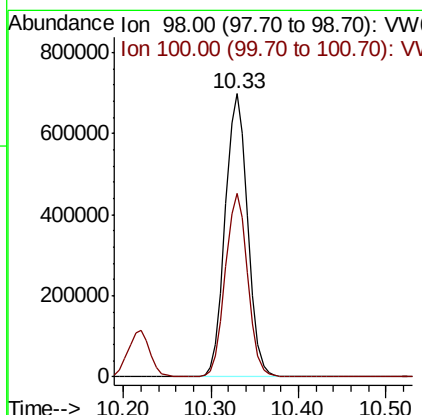
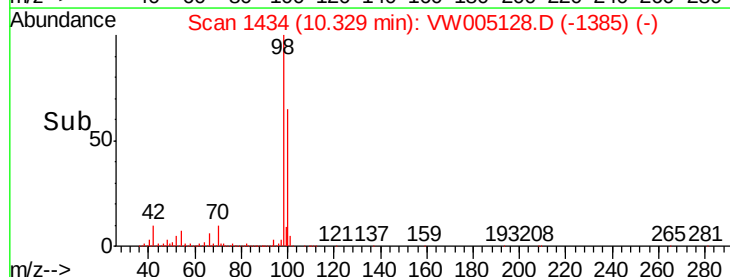
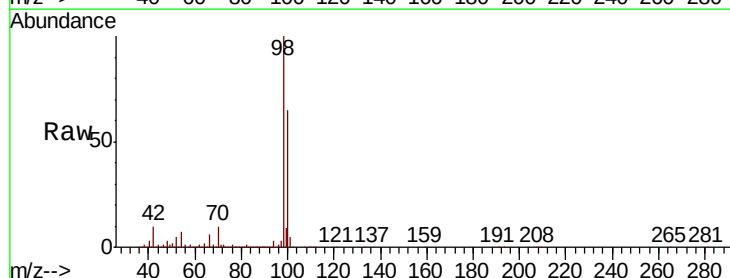
RT: 10.33 min Scan# 1434

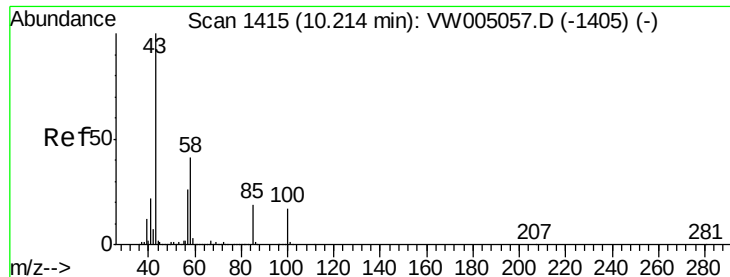
Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion:	98	Resp:	1244510
Ion Ratio	Lower	Upper	
98	100		
100	64.7	51.7	77.5





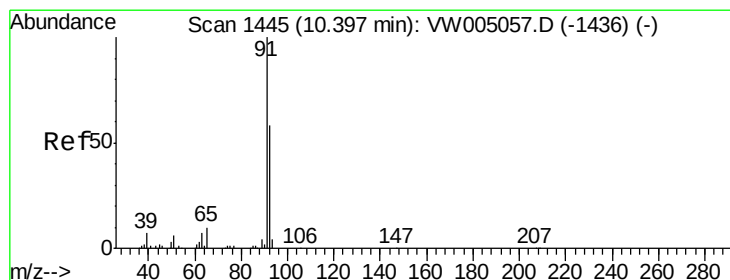
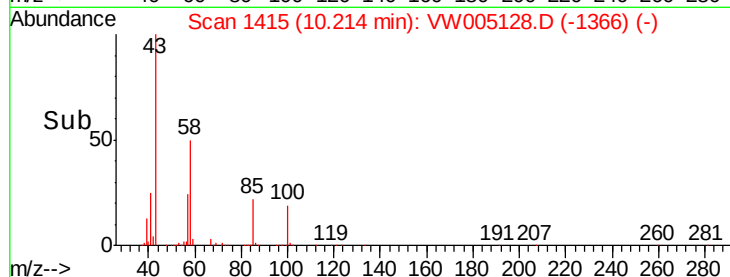
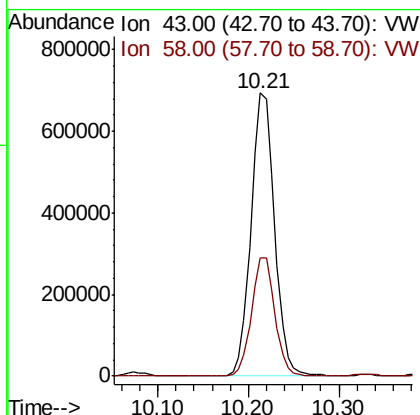
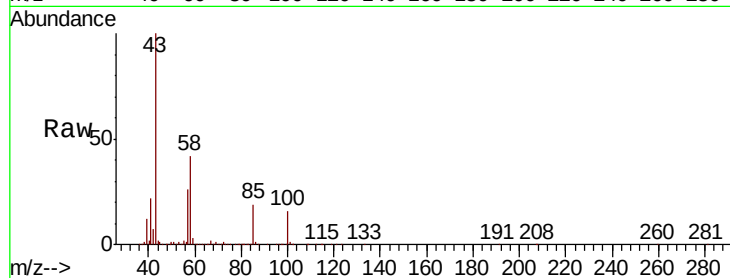
#51
4-Methyl-2-Pentanone
Concen: 314.21 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1246322
Ion Ratio Lower Upper
43 100
58 41.5 33.3 49.9

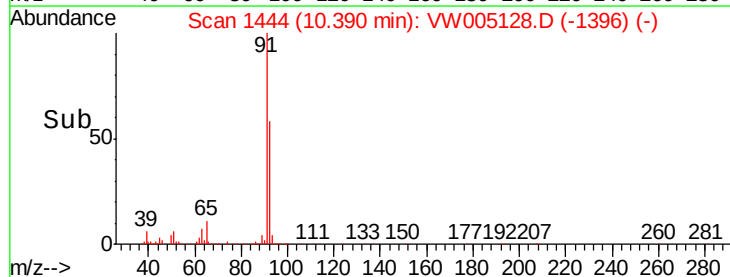
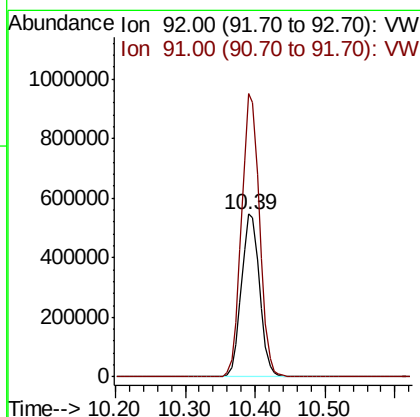
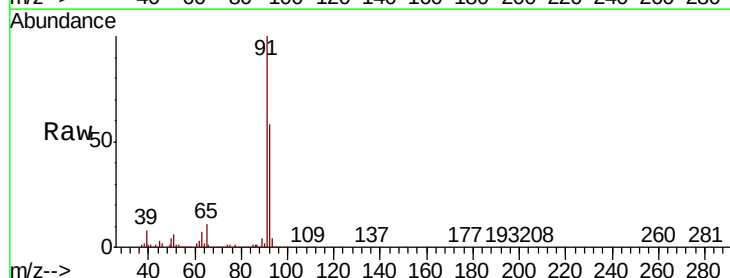
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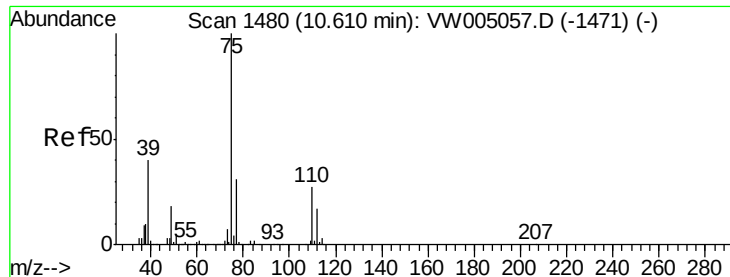
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#52
Toluene
Concen: 54.75 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion: 92 Resp: 987741
Ion Ratio Lower Upper
92 100
91 172.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 57.26 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 440617

Ion Ratio Lower Upper

75 100

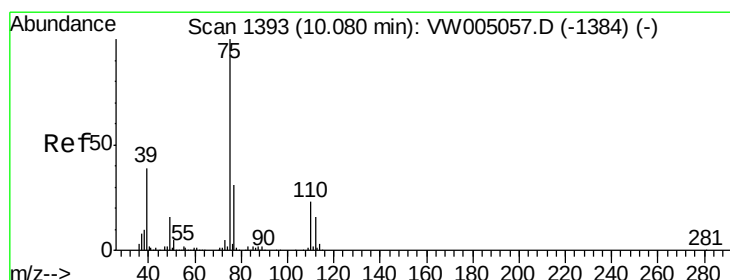
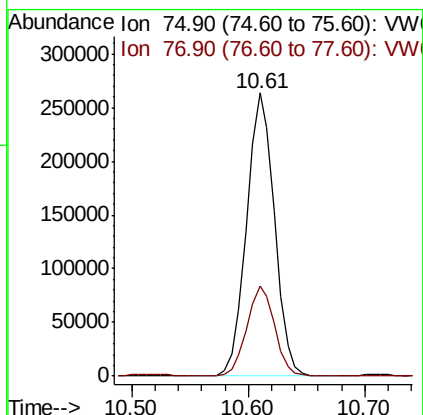
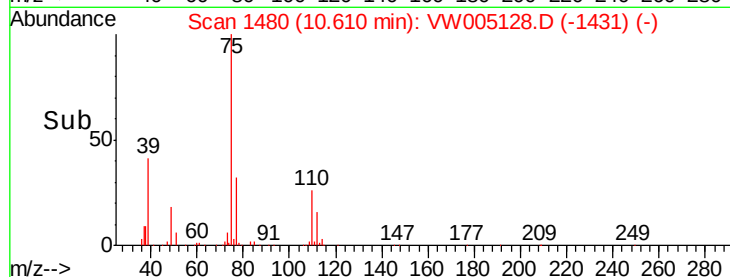
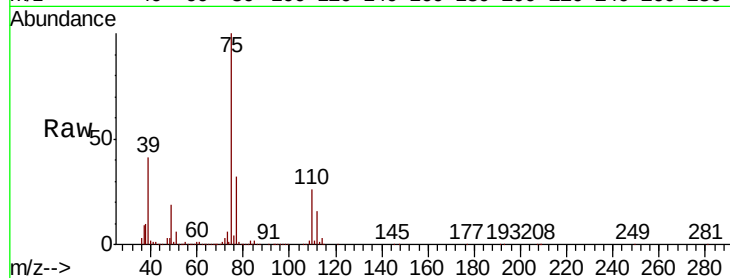
77 31.9 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 56.72 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

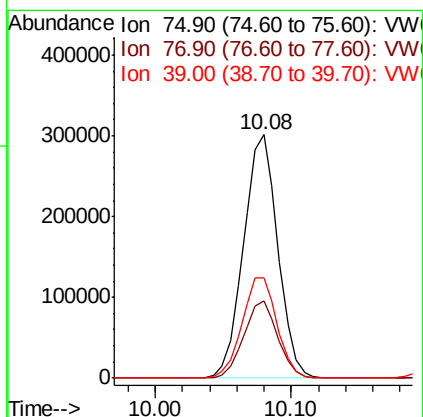
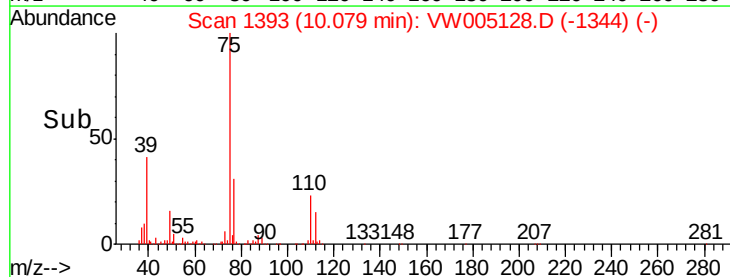
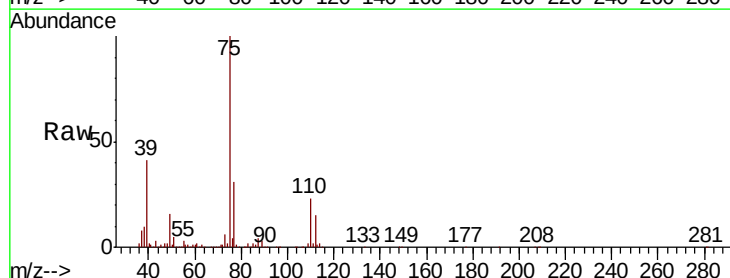
Tgt Ion: 75 Resp: 530841

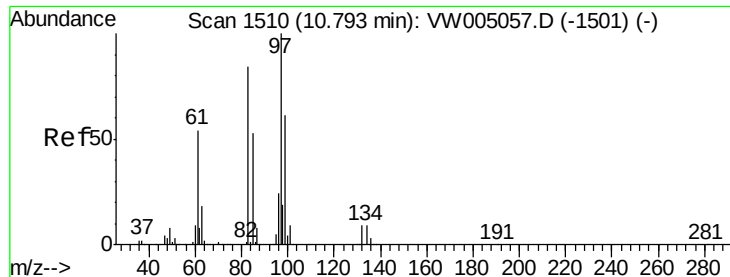
Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

39 41.3 31.0 46.6





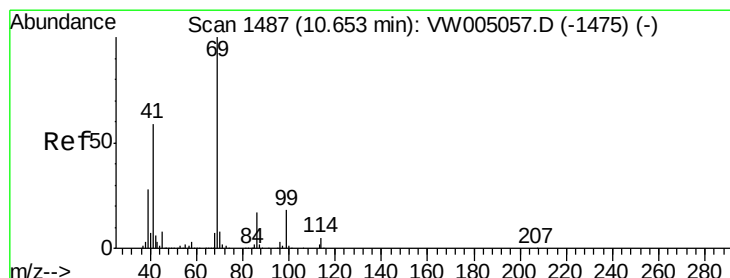
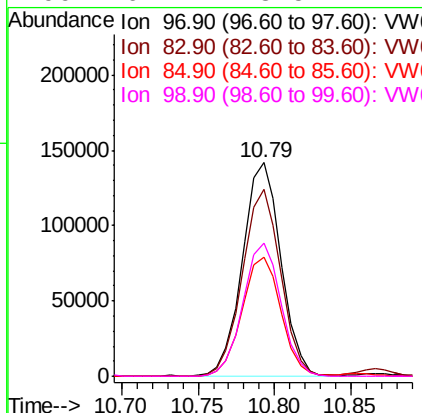
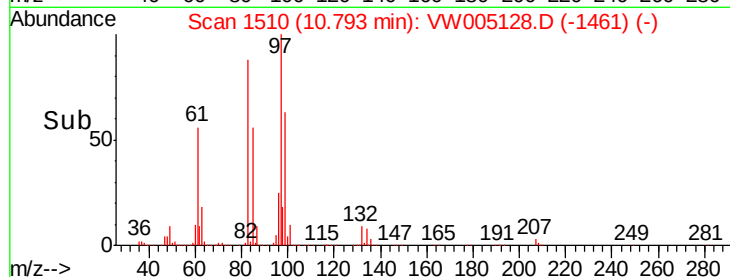
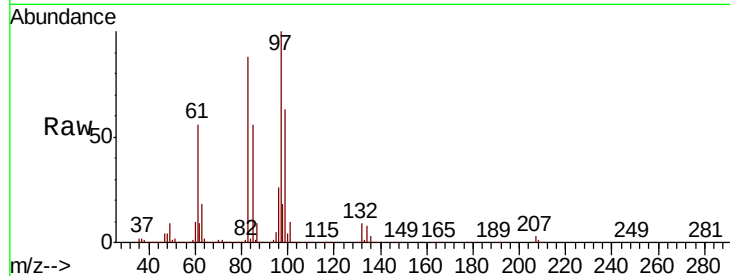
#55
 1,1,2-Trichloroethane
 Concen: 51.61 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		248539		
83	87.5	67.0	100.6		
85	56.0	42.3	63.5		
99	62.4	48.5	72.7		

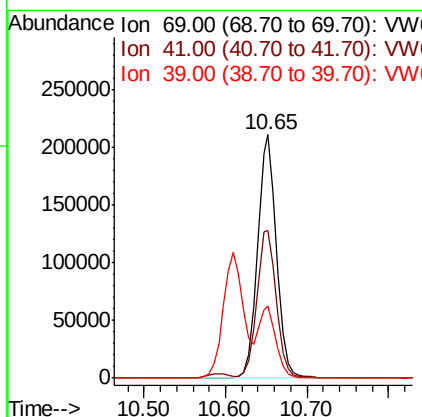
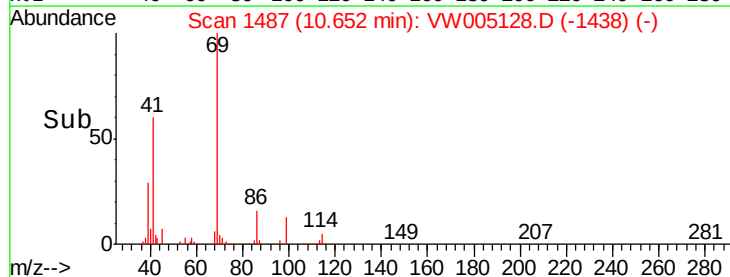
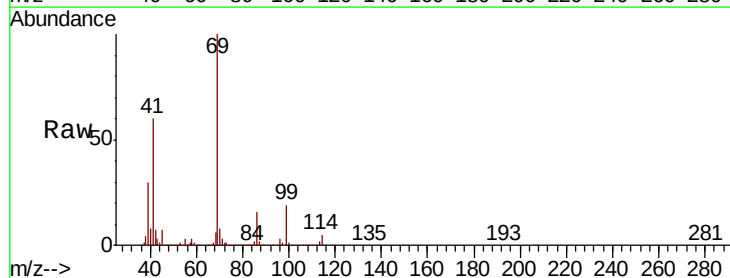
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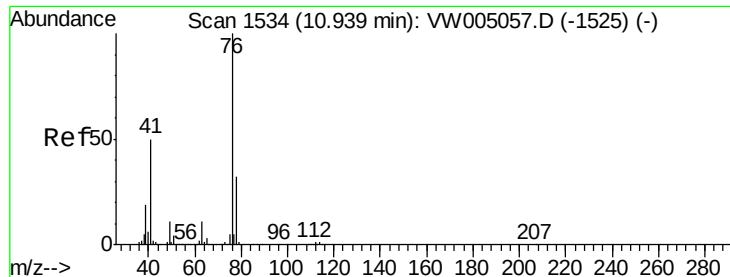
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#56
 Ethyl methacrylate
 Concen: 62.44 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		343028		
41	62.5	47.8	71.6		
39	26.5	21.1	31.7		





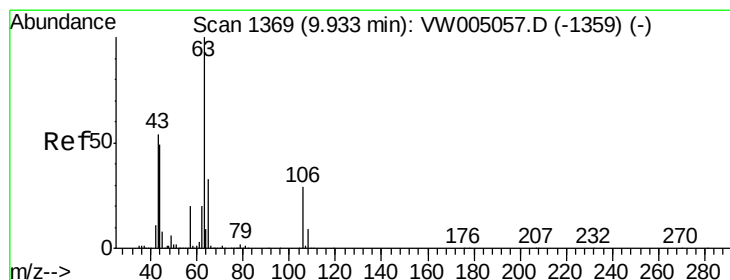
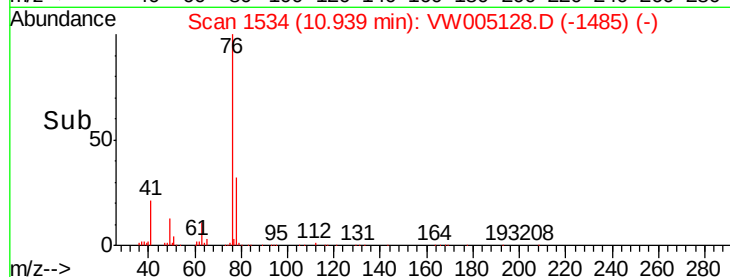
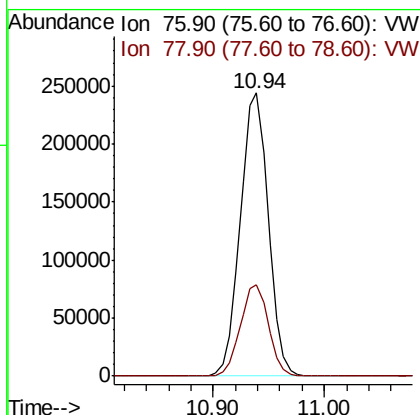
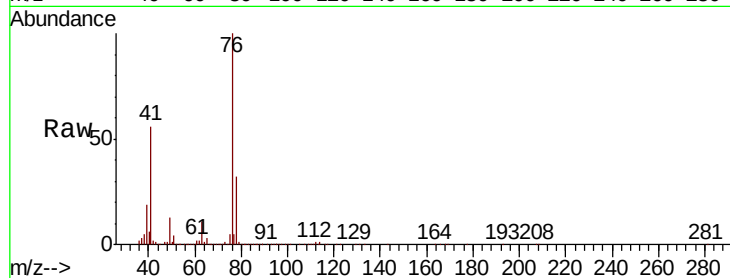
#57
 1,3-Dichloropropane
 Concen: 53.68 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.3	39.5

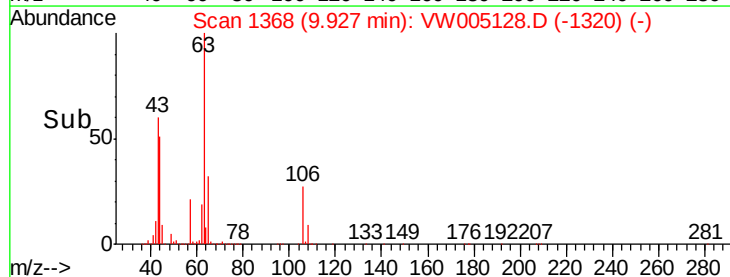
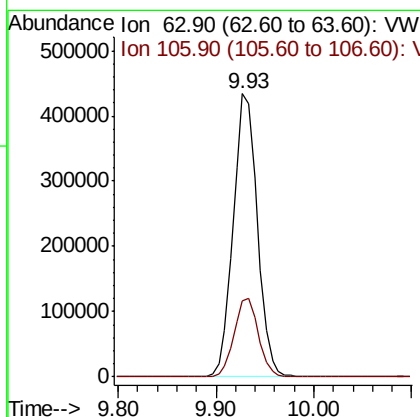
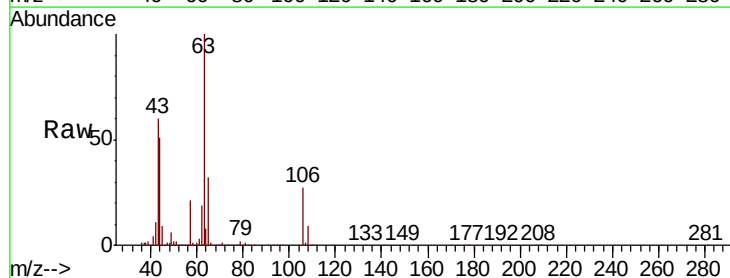
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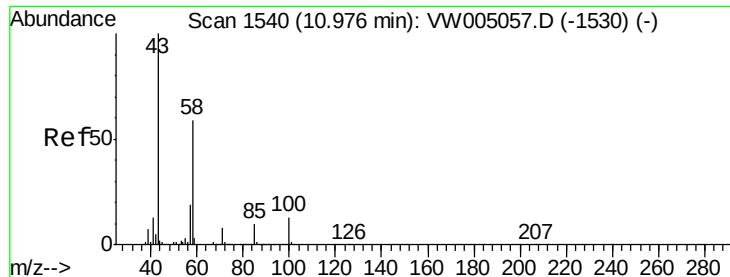
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#58
 2-Chloroethyl Vinyl ether
 Concen: 285.98 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	23.1	34.7





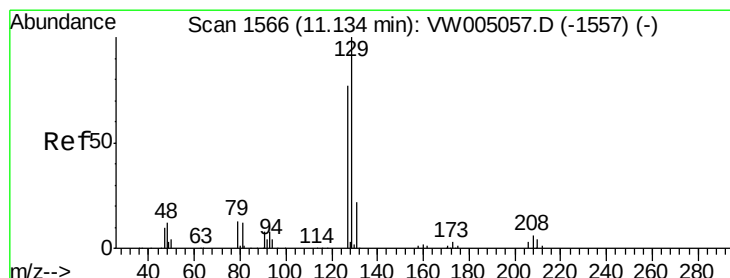
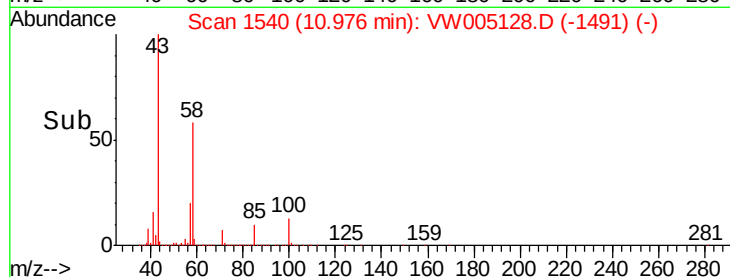
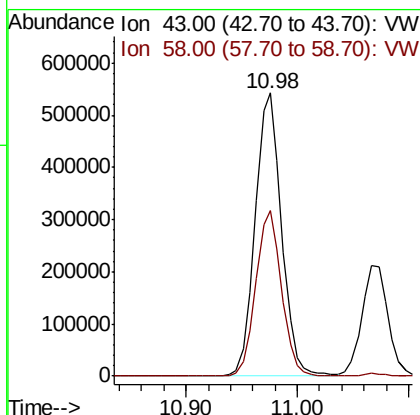
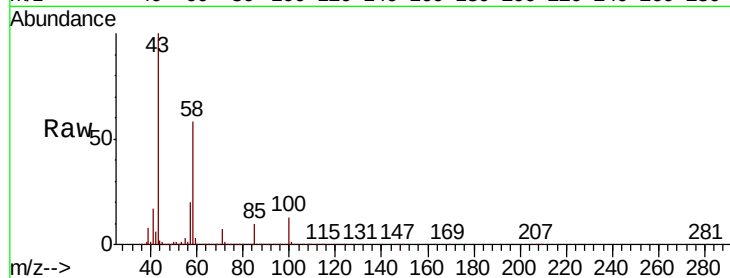
#59
2-Hexanone
Concen: 333.69 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.3	28.7	86.3

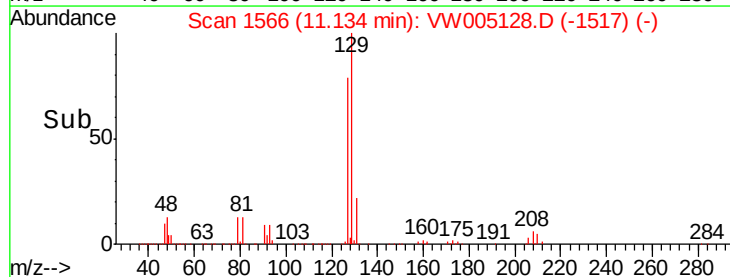
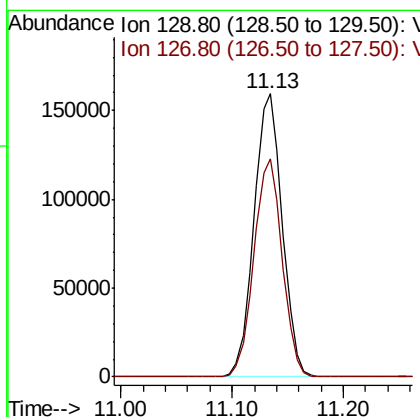
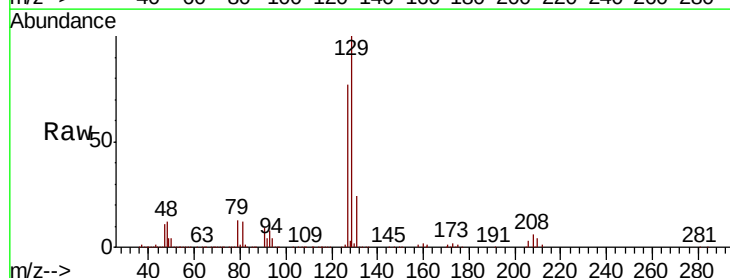
Manual Integrations
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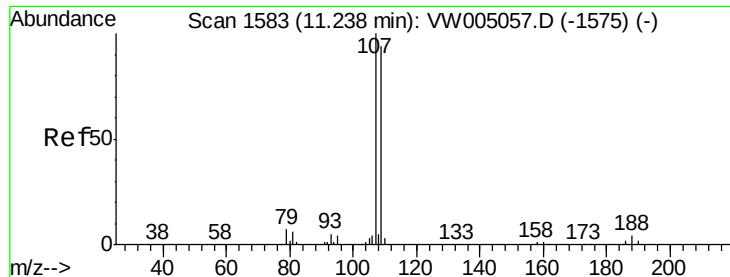
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#60
Dibromochloromethane
Concen: 51.82 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.9	116.7





#61

1,2-Dibromoethane

Concen: 52.73 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 107 Resp: 229222

Ion Ratio Lower Upper

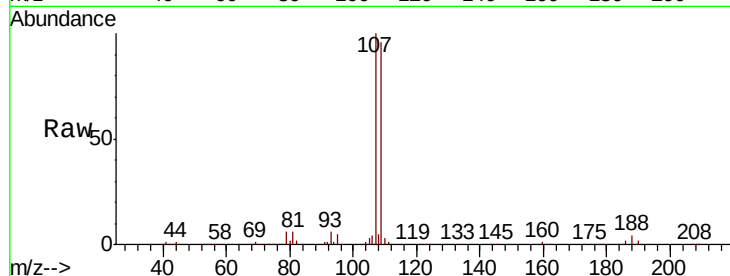
107 100

109 94.4 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

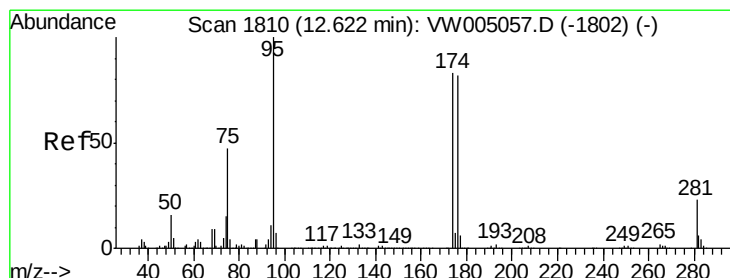
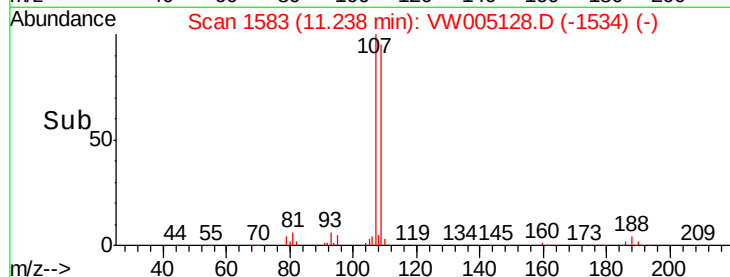
150000

100000

50000

0

Time--> 11.10 11.20 11.30



#62

4-Bromofluorobenzene

Concen: 52.45 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

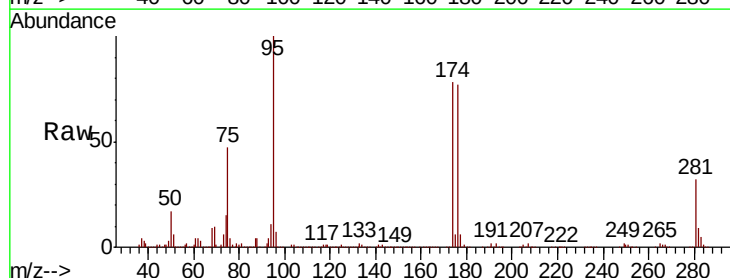
Tgt Ion: 95 Resp: 449692

Ion Ratio Lower Upper

95 100

174 81.8 0.0 173.4

176 79.7 0.0 167.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

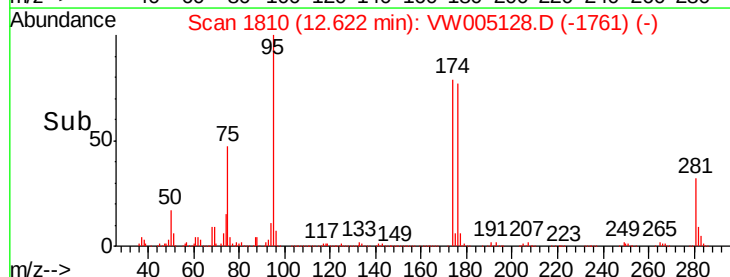
300000

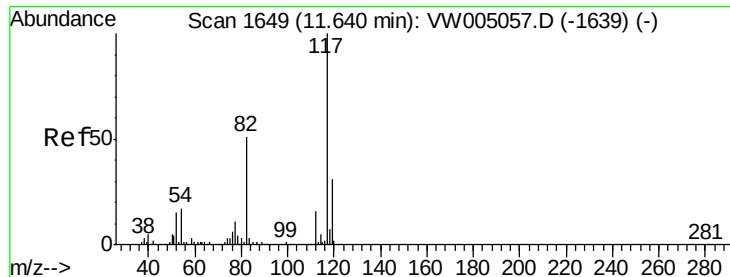
200000

100000

0

Time--> 12.50 12.60 12.70





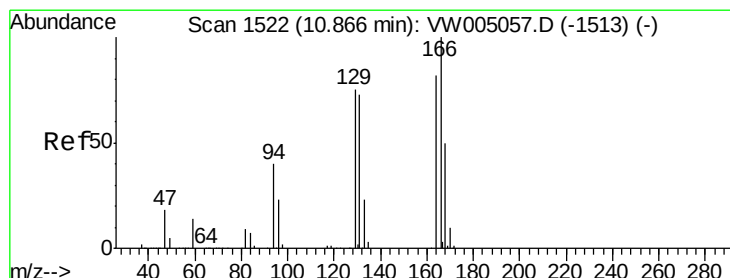
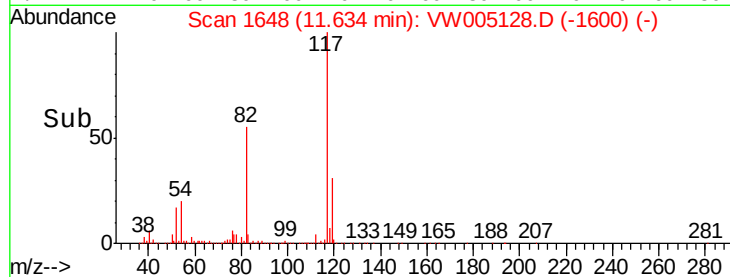
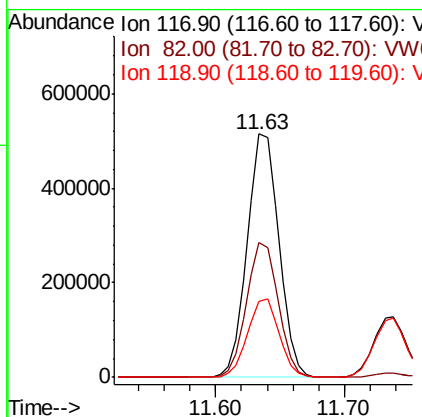
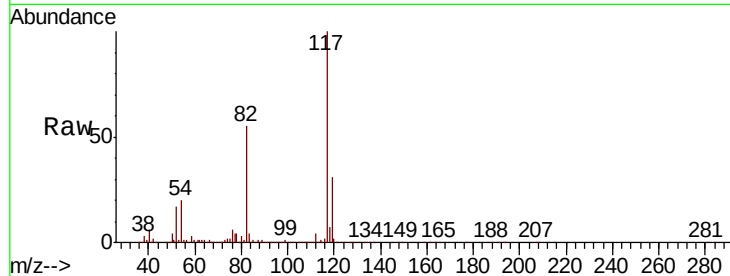
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	876480		
82	55.3		40.9	61.3
119	31.4		24.9	37.3

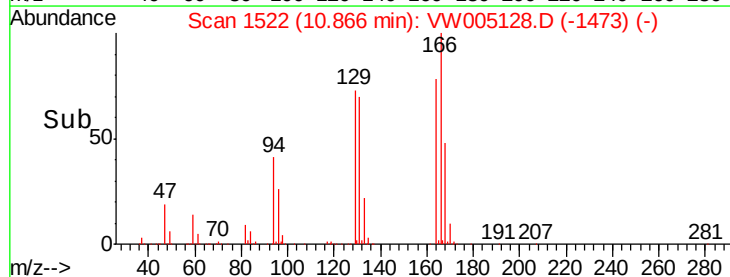
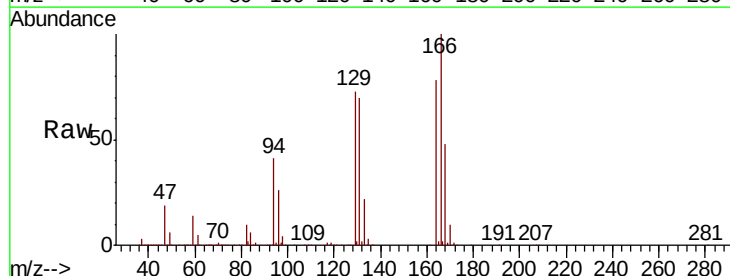
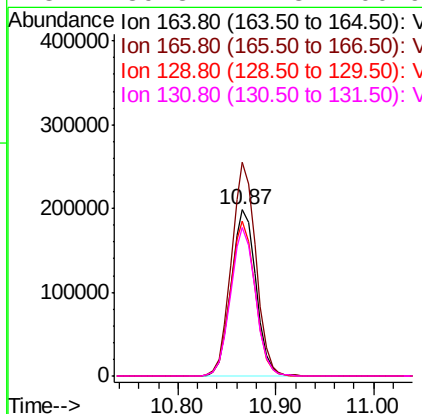
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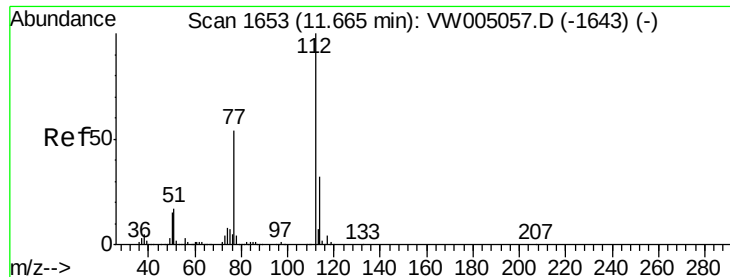
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#64
Tetrachloroethene
Concen: 50.77 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	349152		
166	128.4		97.3	145.9
129	93.1		73.1	109.7
131	89.3		71.3	106.9





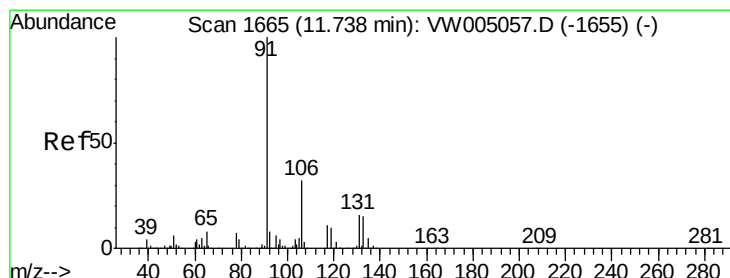
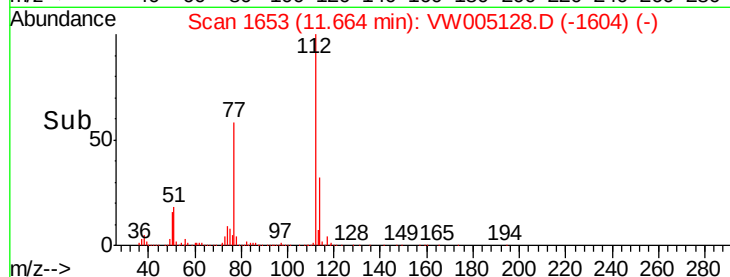
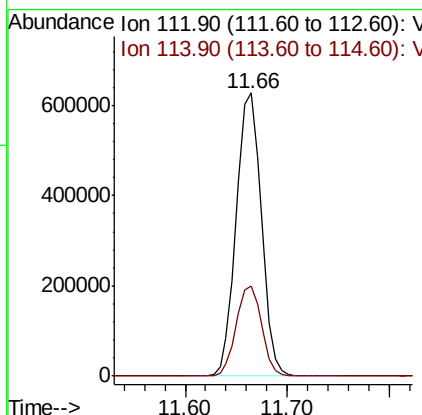
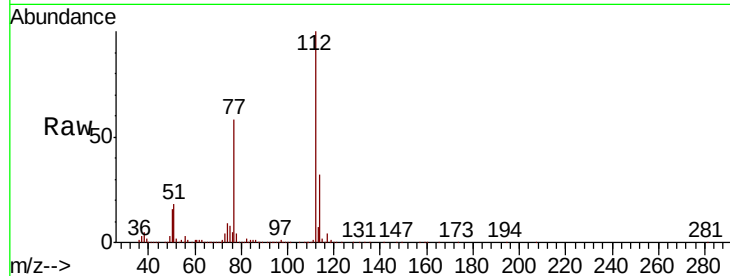
#65
Chlorobenzene
Concen: 54.19 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1069315
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

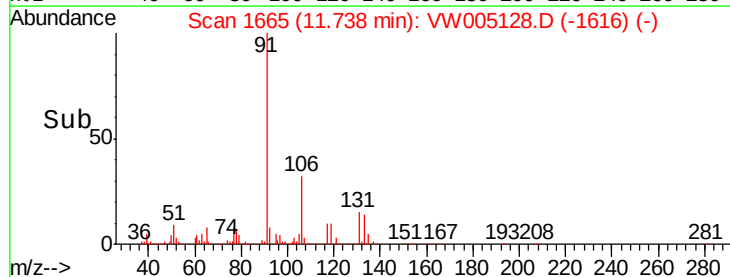
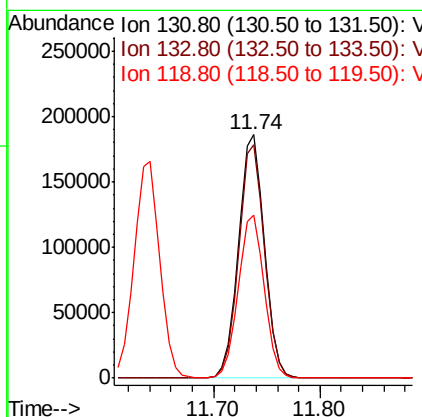
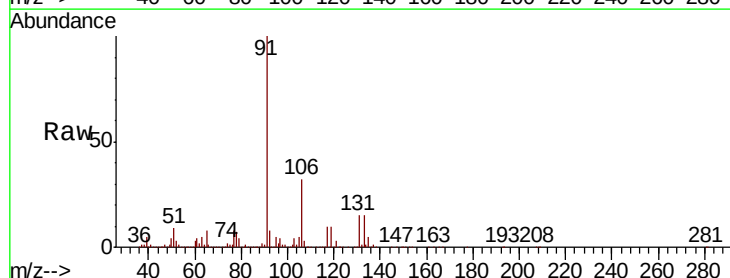
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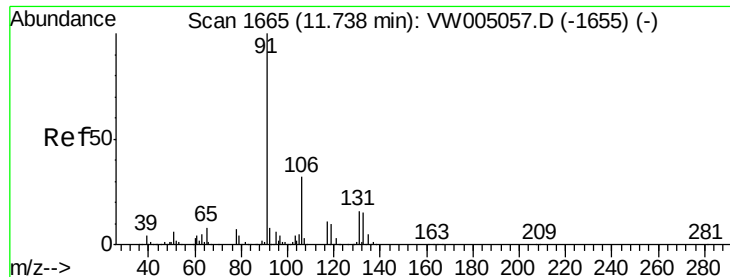
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.66 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion:131 Resp: 317510
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.3
119 67.3 33.4 100.1





#67

Ethyl Benzene

Concen: 57.84 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1929339

Ion Ratio Lower Upper

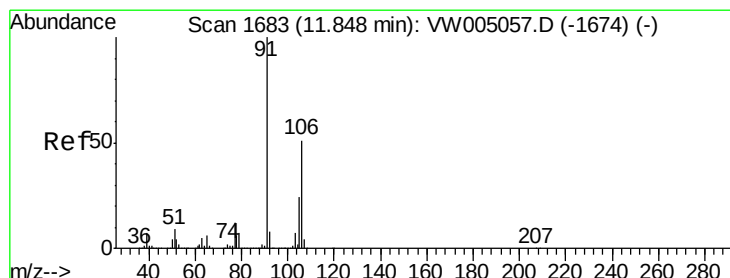
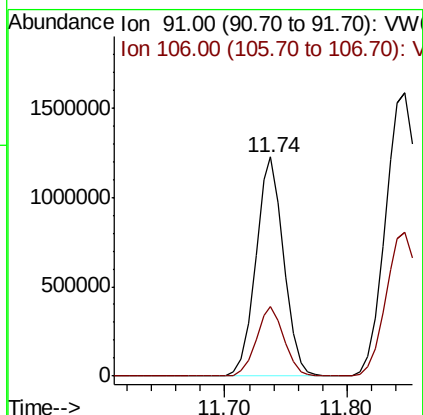
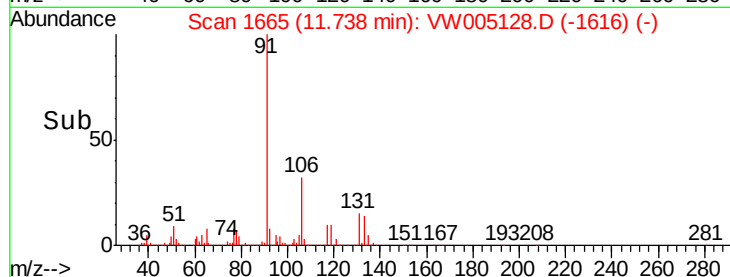
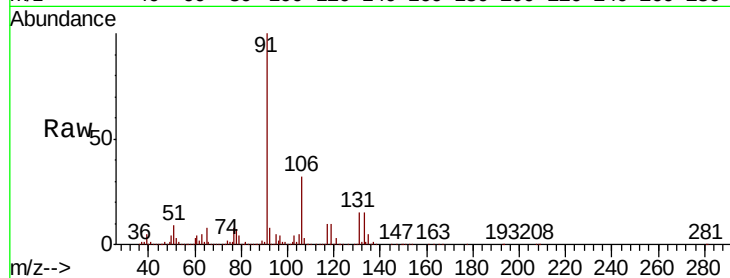
91 100

106 31.5 25.3 37.9

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#68

m/p-Xylenes

Concen: 113.32 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW005128.D

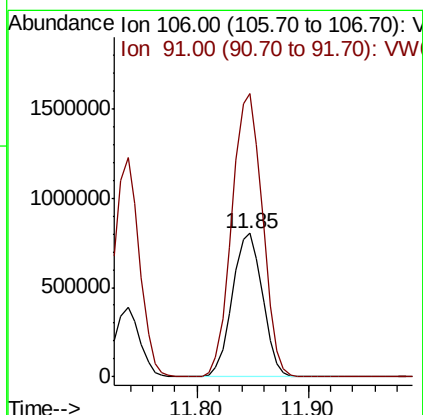
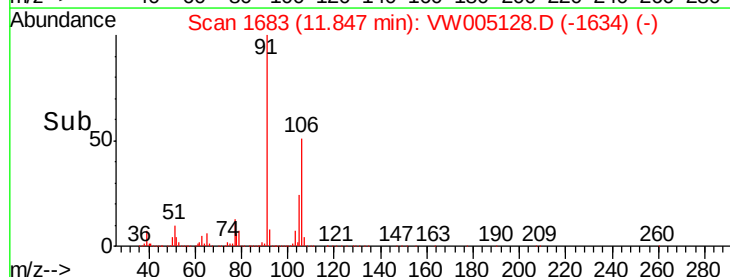
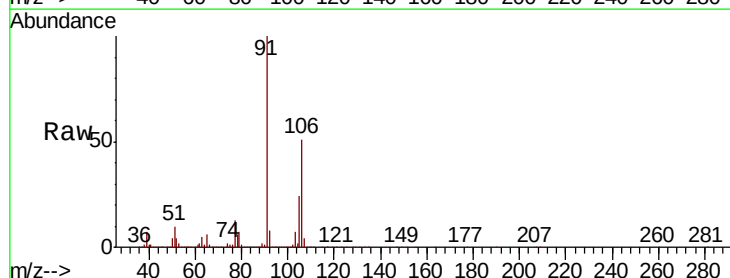
Acq: 05 Sep 2018 14:32

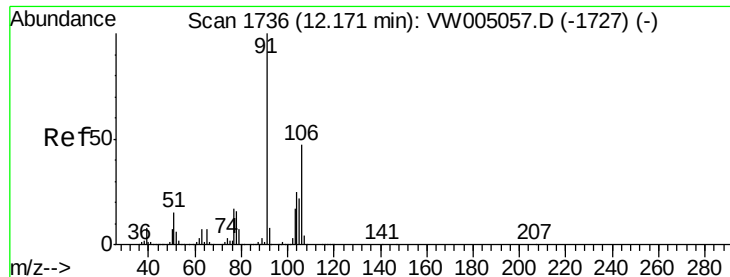
Tgt Ion:106 Resp: 1513443

Ion Ratio Lower Upper

106 100

91 199.6 158.4 237.6





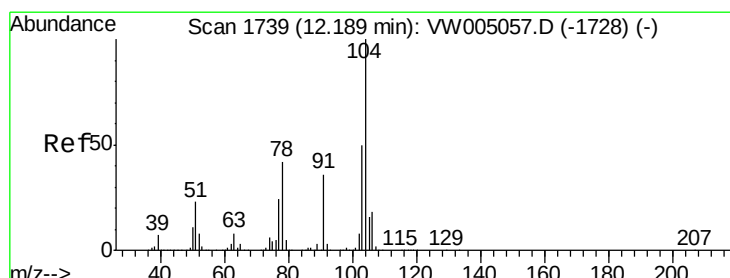
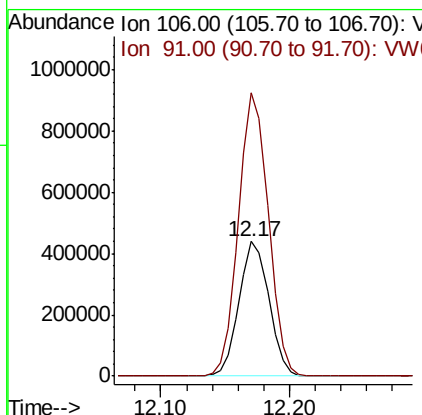
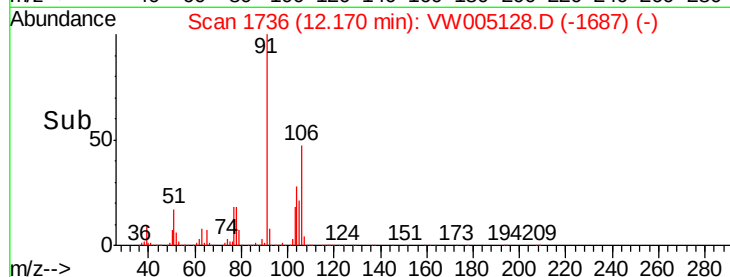
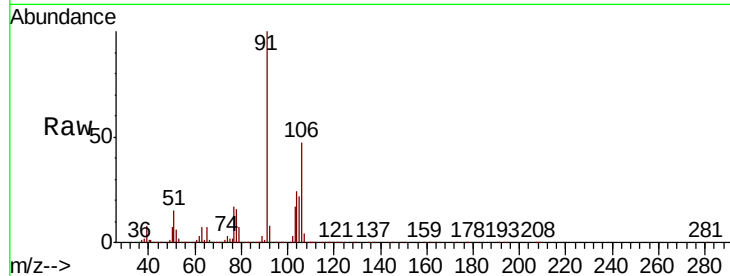
#69
o-Xylene
Concen: 57.39 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.1	105.6	316.8

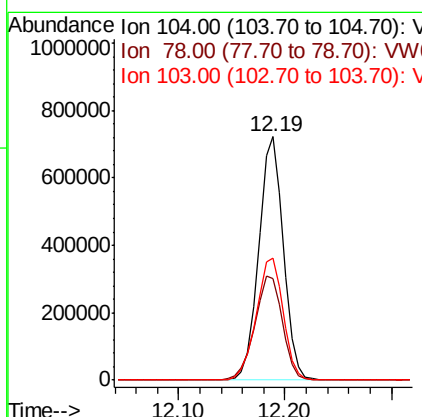
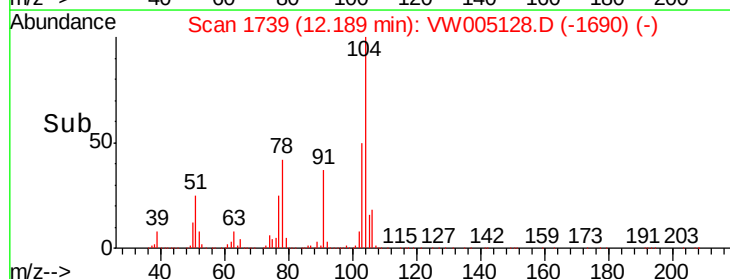
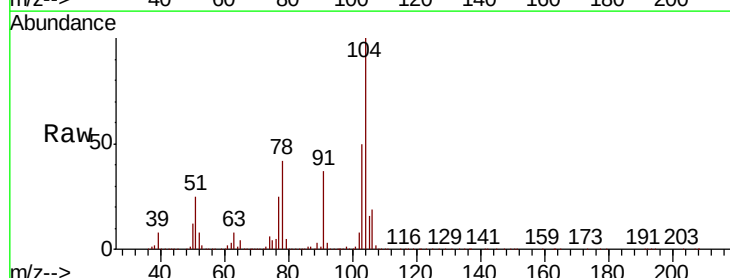
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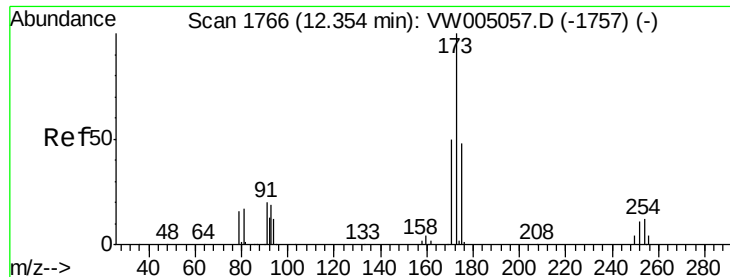
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#70
Styrene
Concen: 57.39 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	37.8	56.6
103	55.0	44.1	66.1





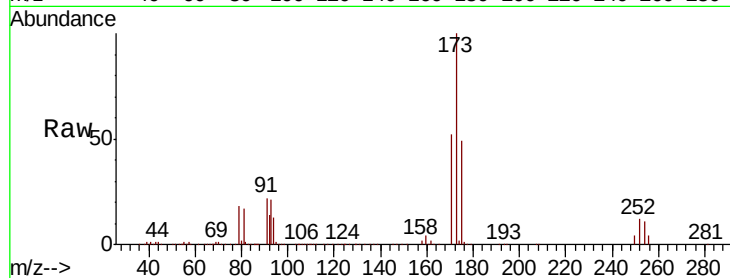
#71
Bromoform
Concen: 52.77 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.2
254	0.0	0.2	0.2

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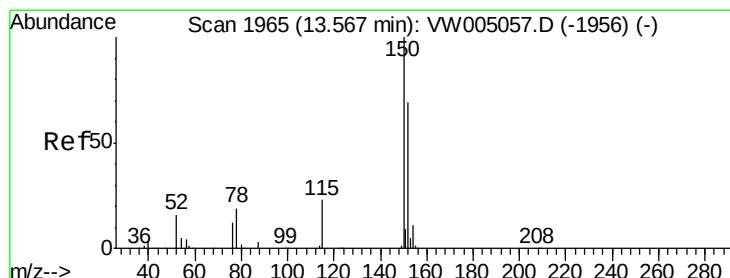
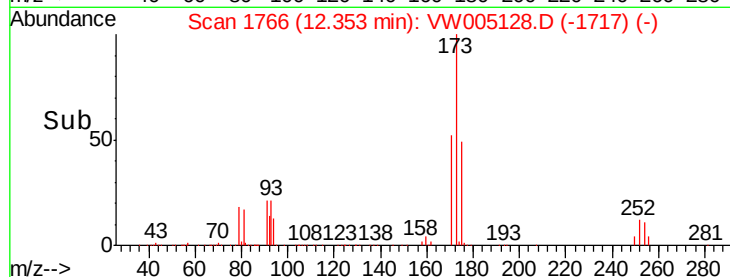
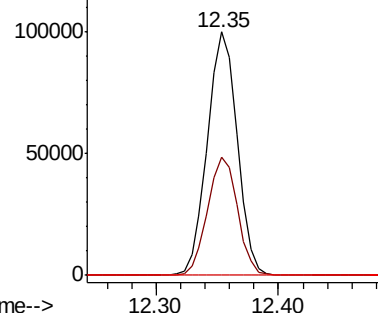


Abundance

Ion 172.70 (172.40 to 173.40): V

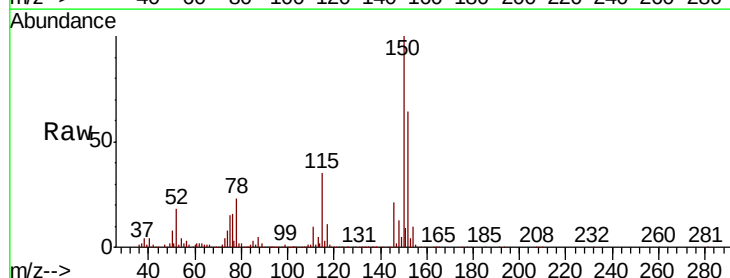
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.8	83.4
150	175.2	0.0	351.4

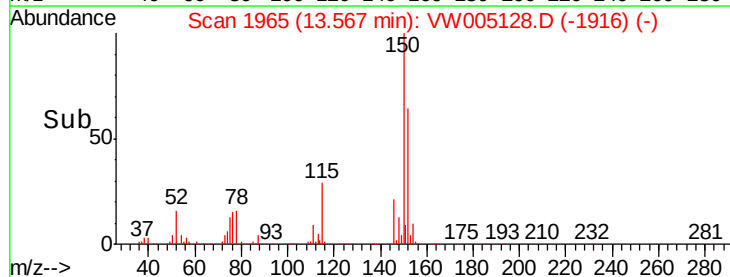
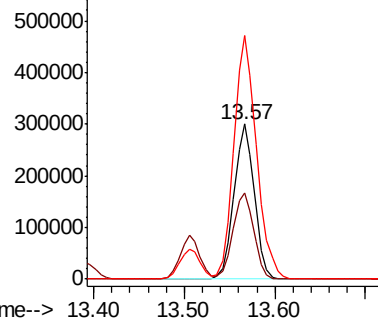


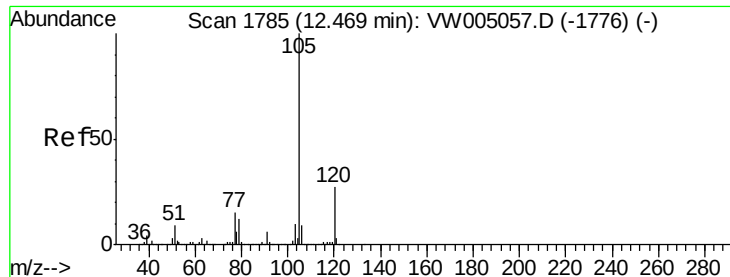
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 59.42 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1938322

Ion Ratio Lower Upper

105 100

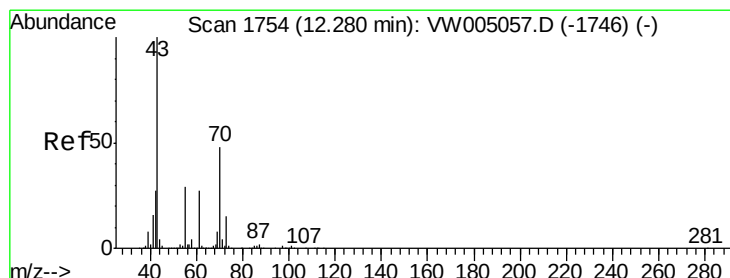
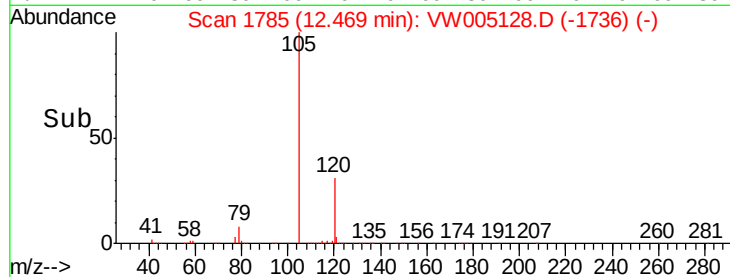
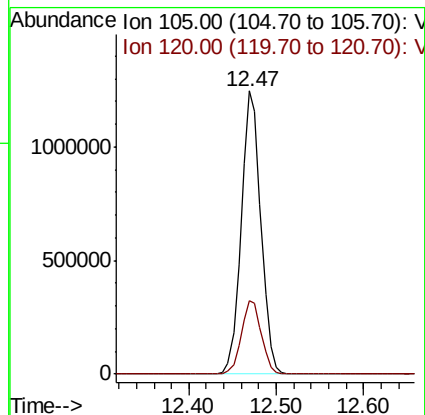
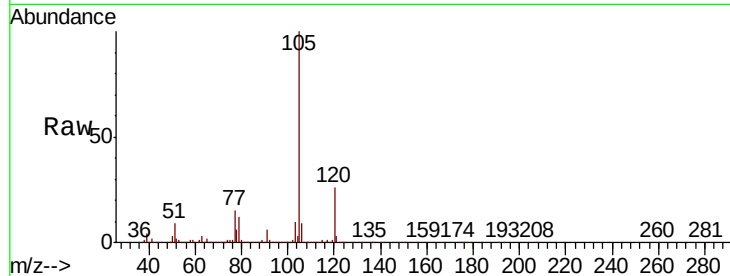
120 26.5 13.4 40.1

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#74

N-ethyl acetate

Concen: 68.78 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion: 43 Resp: 386338

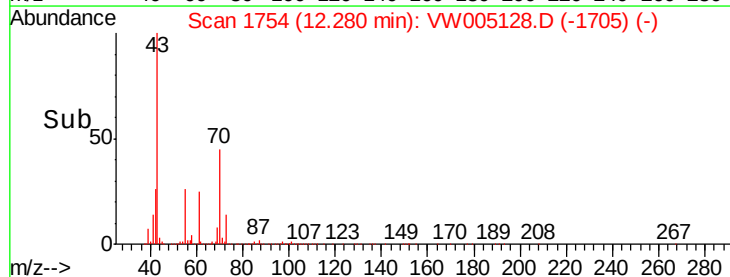
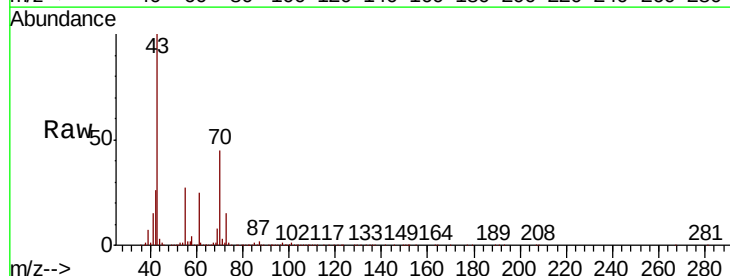
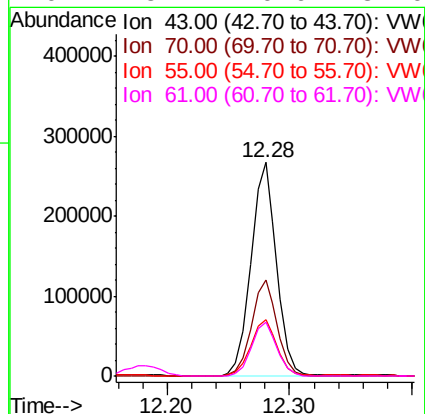
Ion Ratio Lower Upper

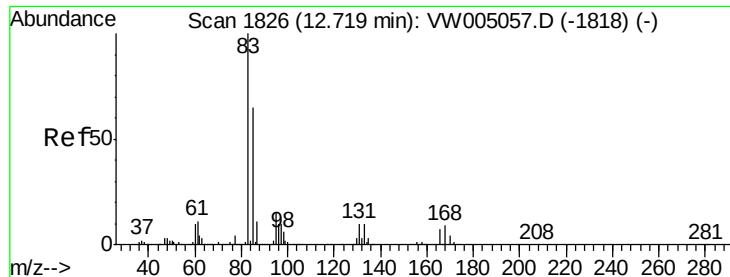
43 100

70 45.2 38.2 57.4

55 26.8 23.2 34.8

61 25.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 58.62 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

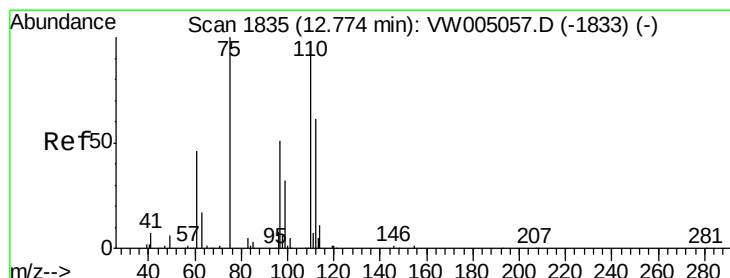
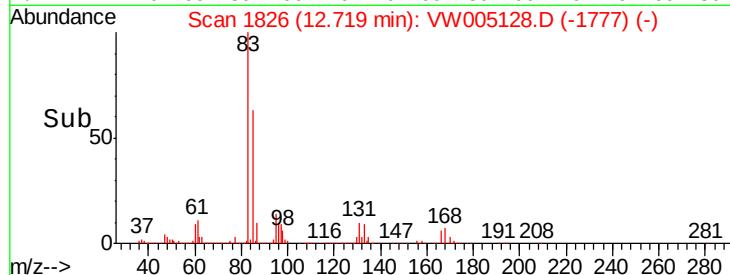
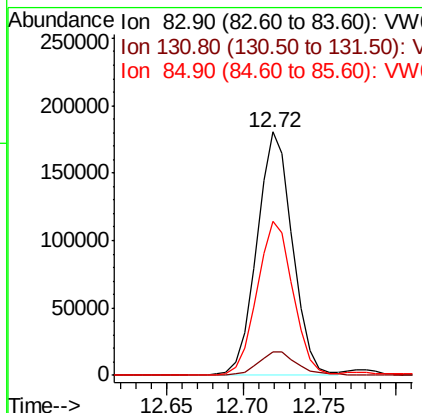
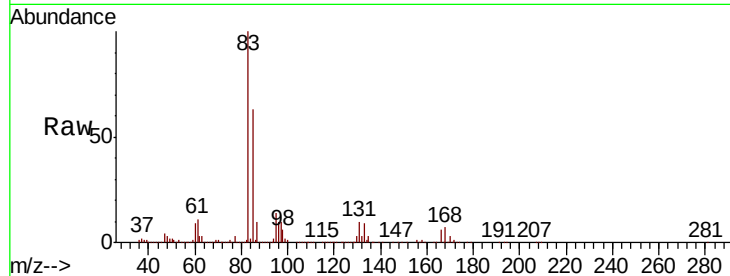
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	291135
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	64.1	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 58.74 ug/l m

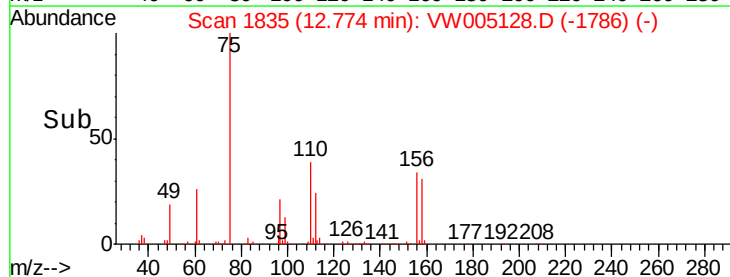
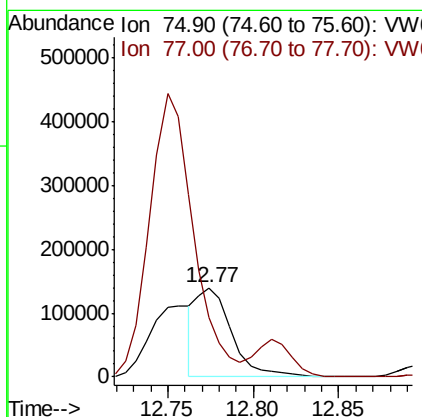
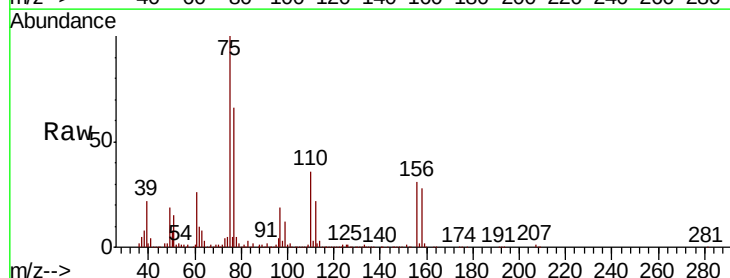
RT: 12.77 min Scan# 1835

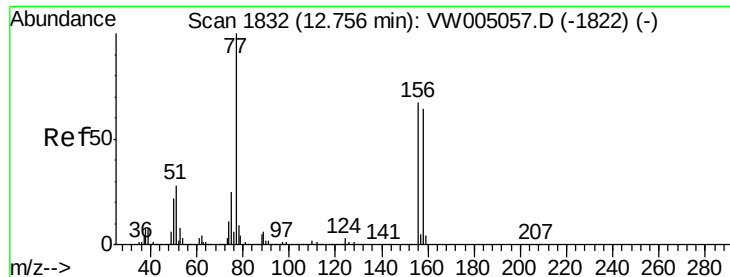
Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion:	75	Resp:	203978
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.27 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

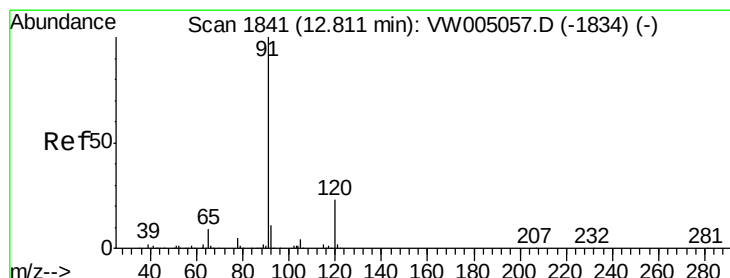
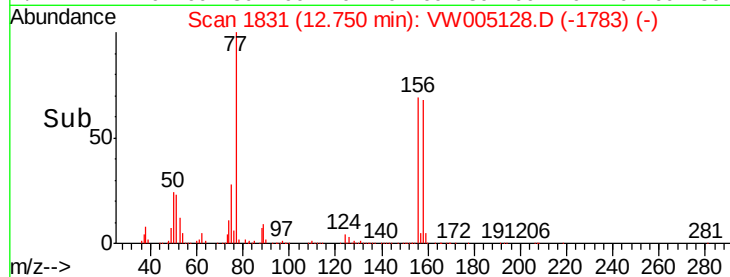
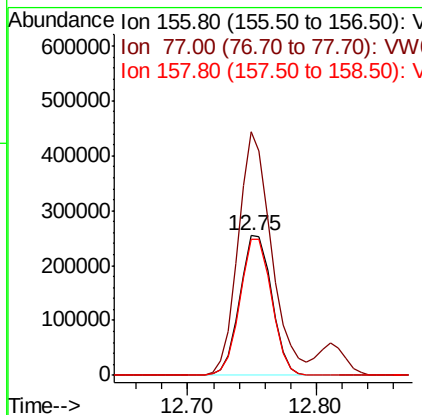
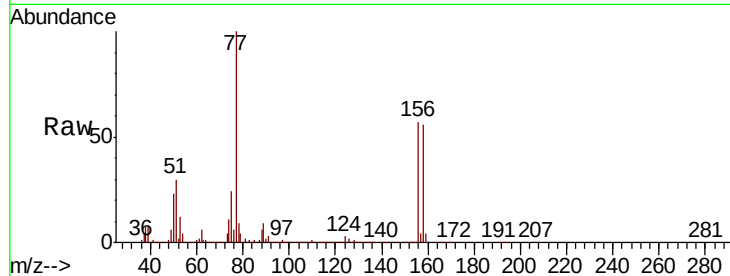
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	436210
Ion Ratio	Lower	Upper	
156	100		
77	181.7	85.8	257.4
158	96.6	48.1	144.4

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#78

n-propylbenzene

Concen: 59.91 ug/l

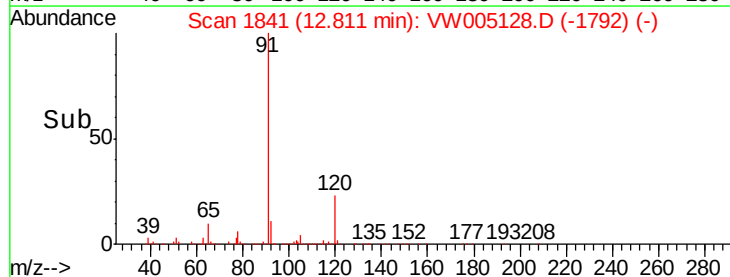
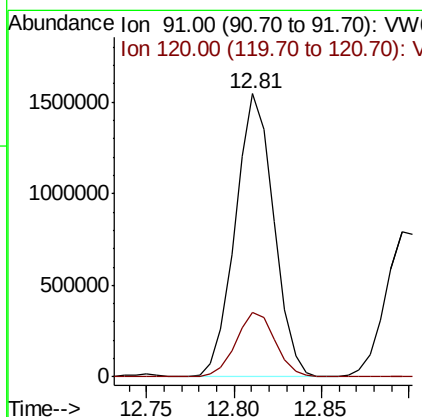
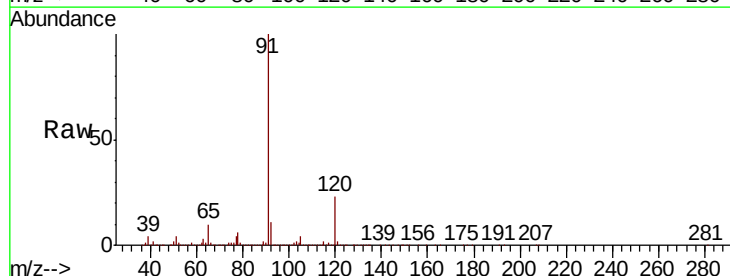
RT: 12.81 min Scan# 1841

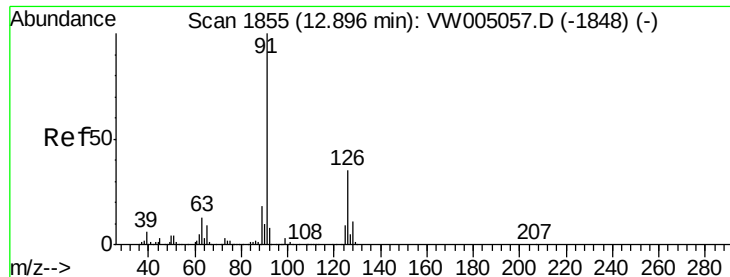
Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Tgt Ion:	91	Resp:	2359230
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.8	35.3





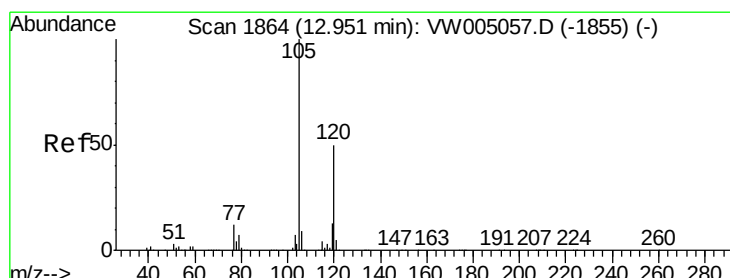
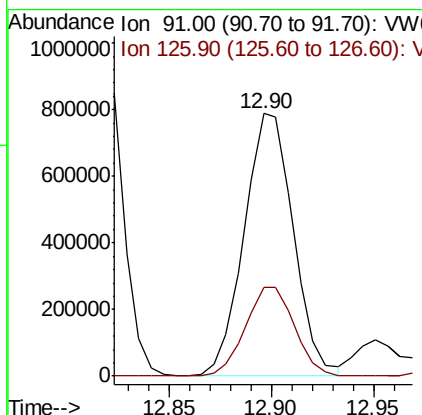
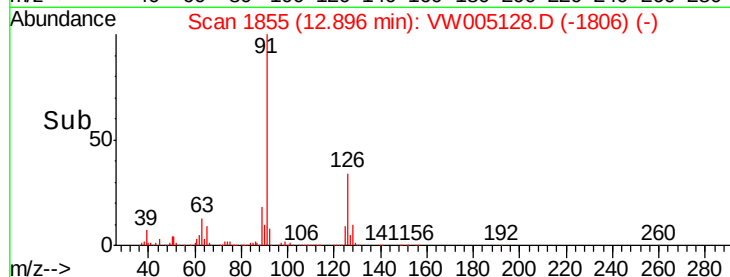
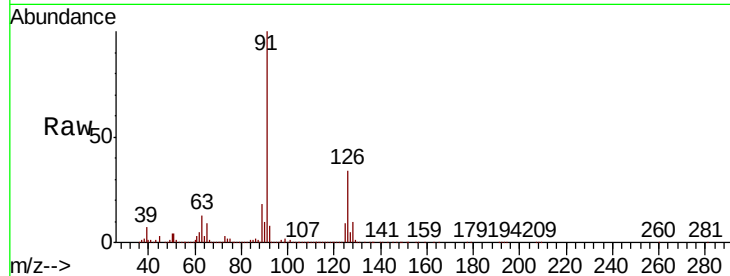
#79
 2-Chlorotoluene
 Concen: 57.48 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 1320705
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.3 52.0

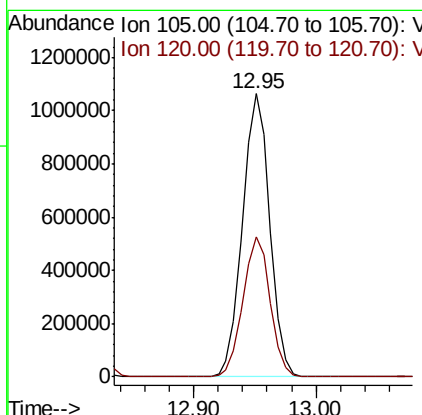
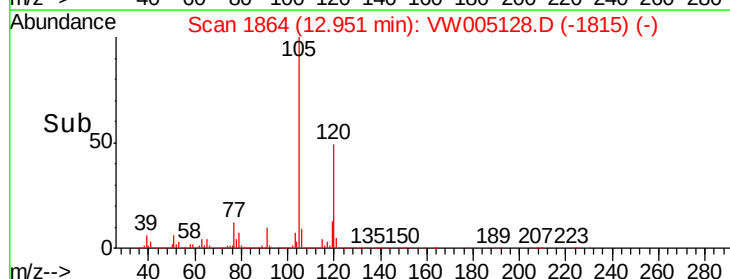
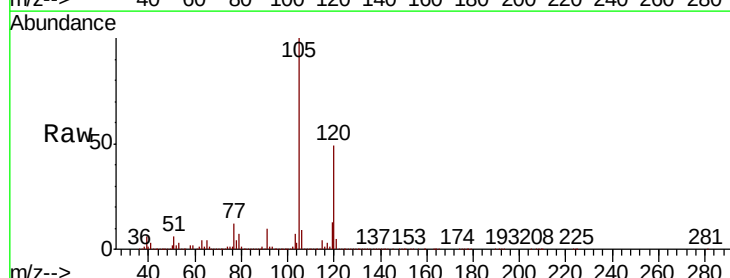
Manual Integrations
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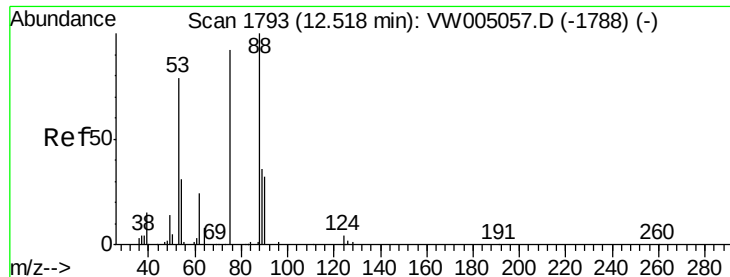
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 58.04 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion: 105 Resp: 1637313
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.8





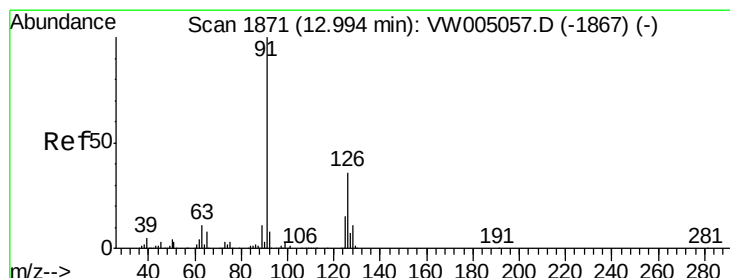
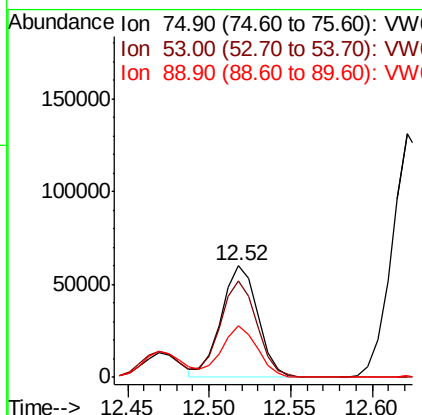
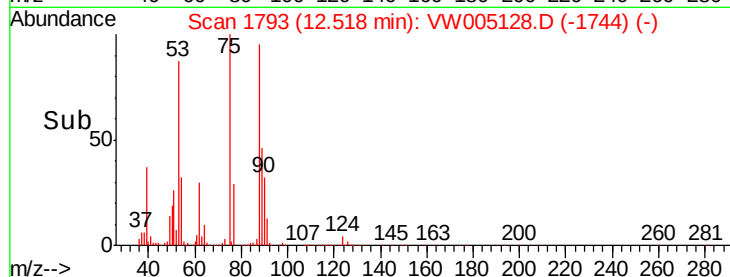
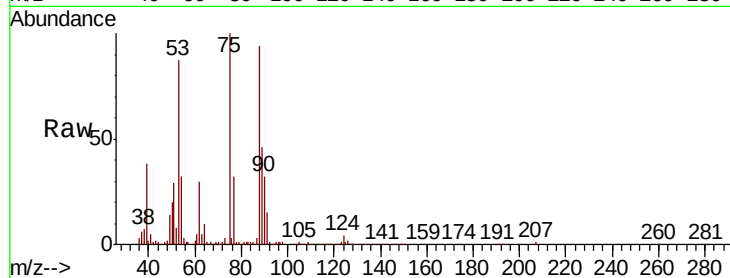
#81
trans-1,4-Dichloro-2-butene
Concen: 65.05 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.0	69.8	104.8
89	45.0	36.0	54.0

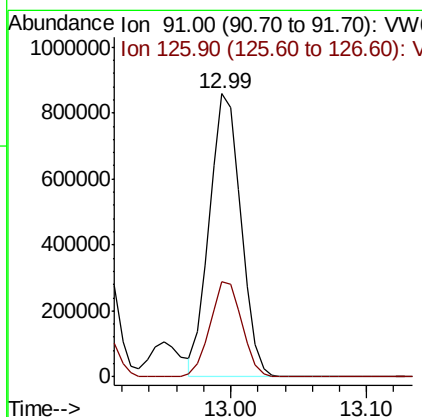
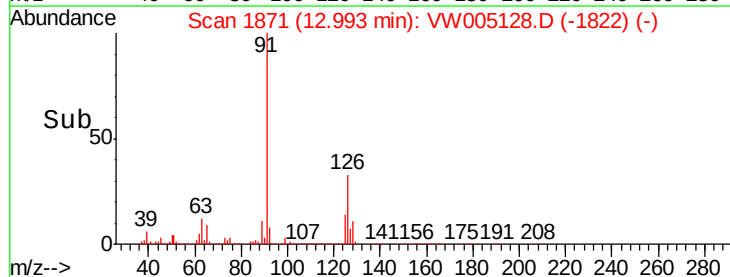
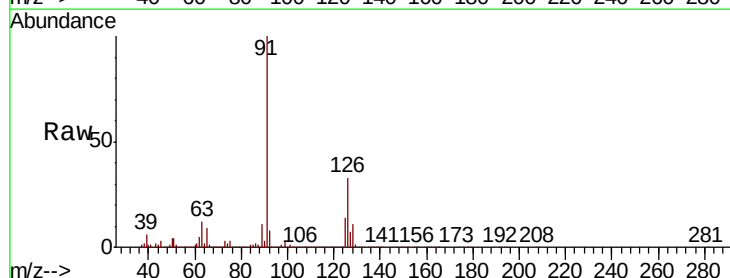
Manual Integrations
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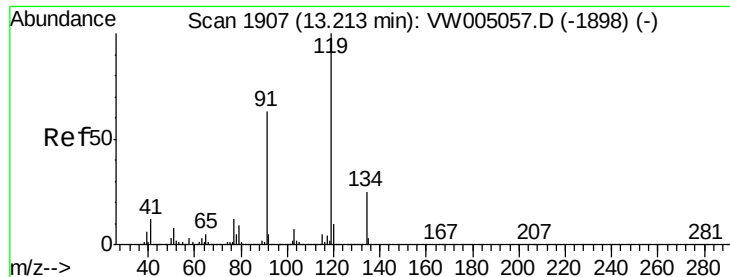
apatel
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#82
4-Chlorotoluene
Concen: 56.72 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.4	52.3





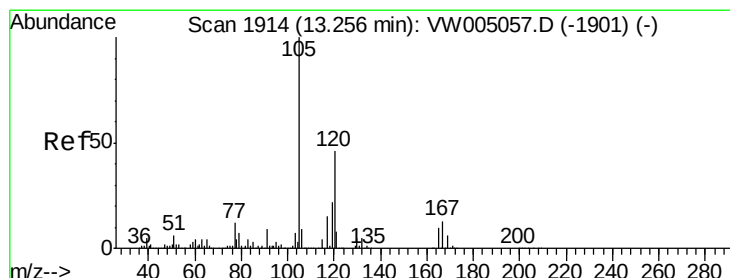
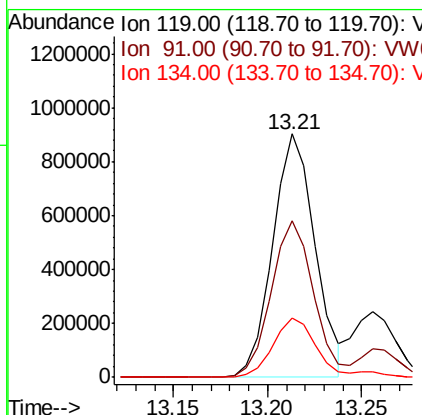
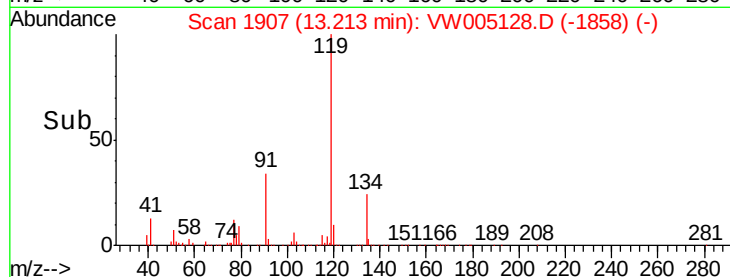
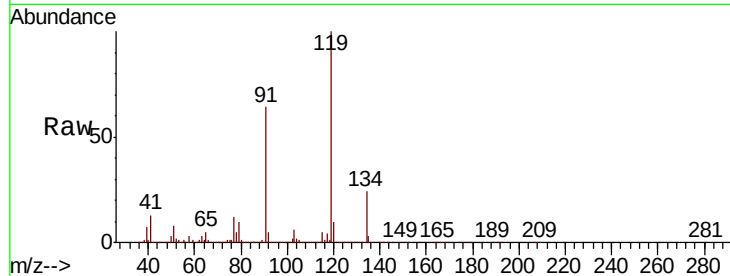
#83
 tert-Butylbenzene
 Concen: 59.73 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	31.8	95.4
134	26.2	13.0	39.0

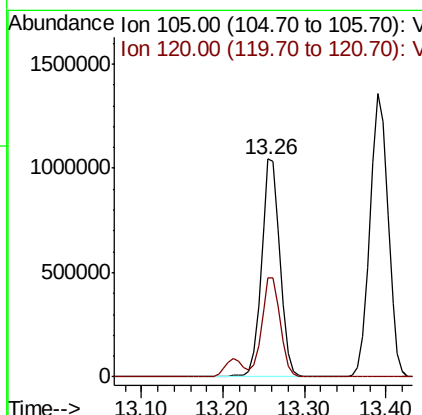
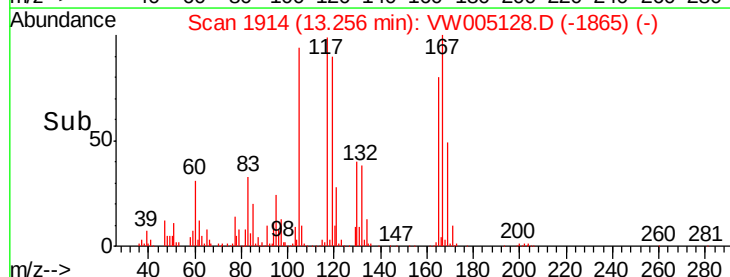
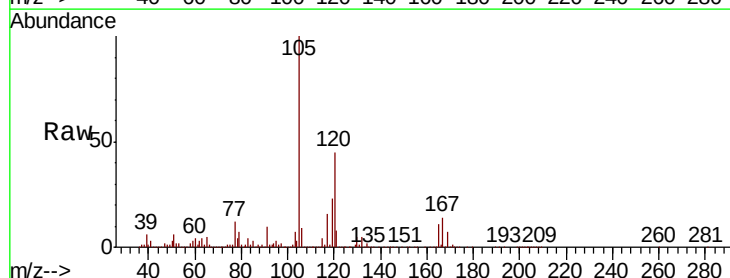
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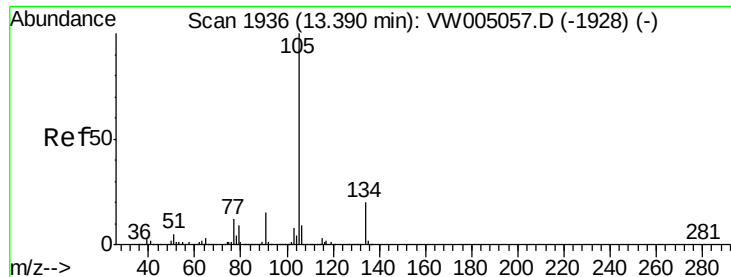
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#84
 1,2,4-Trimethylbenzene
 Concen: 57.50 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.3





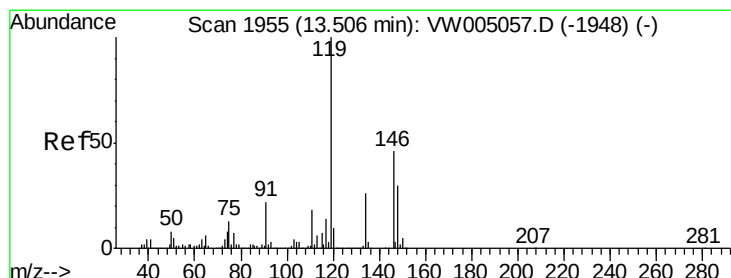
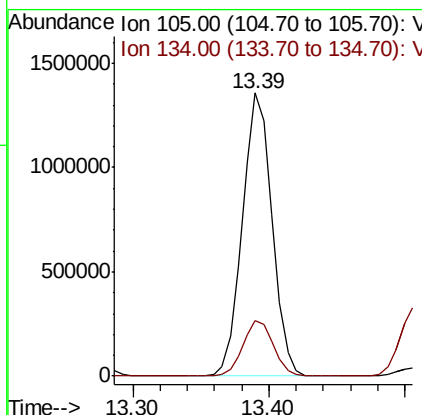
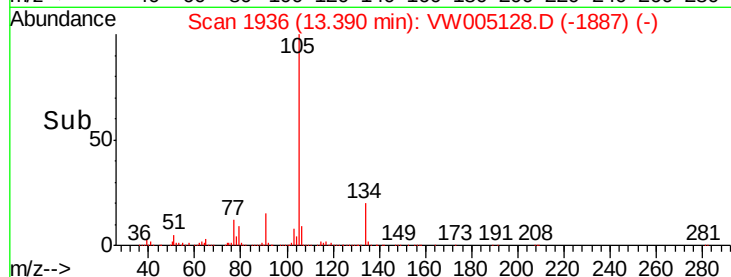
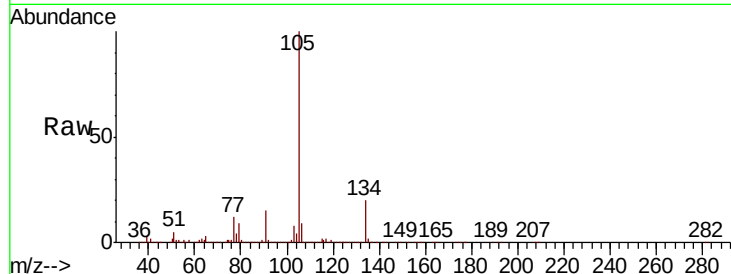
#85
 sec-Butylbenzene
 Concen: 59.66 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion:105 Resp: 2065702
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3

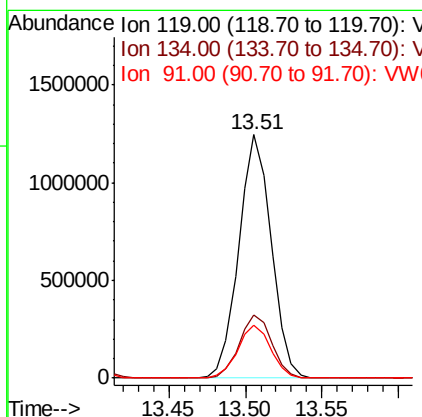
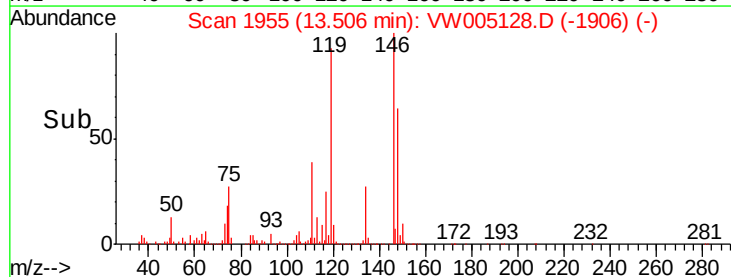
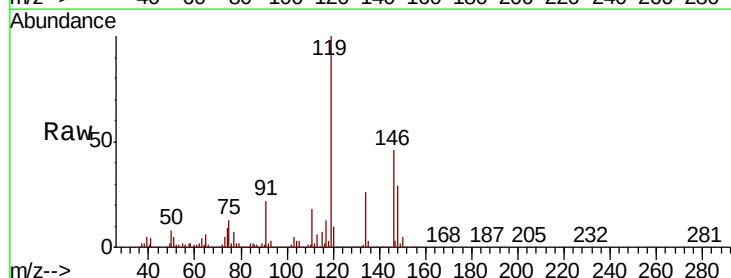
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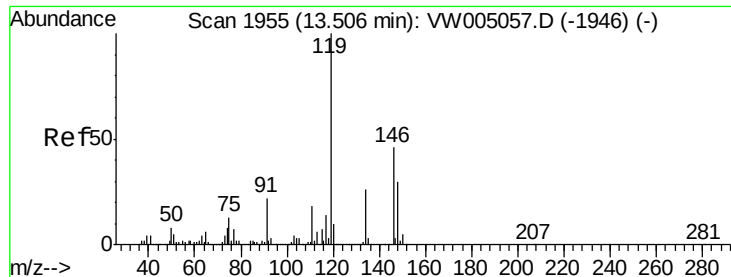
apatel
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#86
 p-Isopropyltoluene
 Concen: 59.45 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion:119 Resp: 1821905
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.1 10.9 32.9





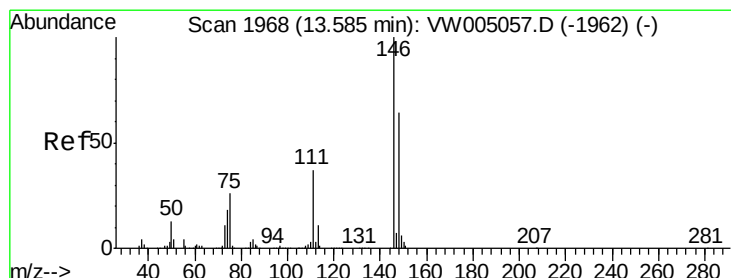
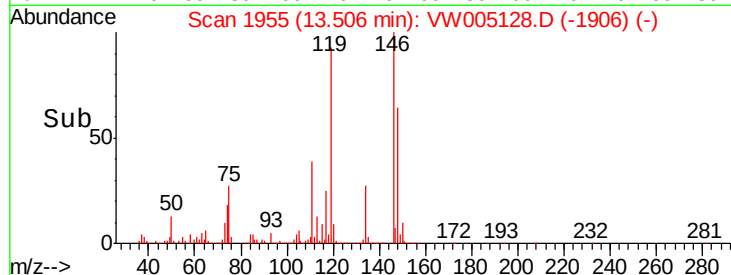
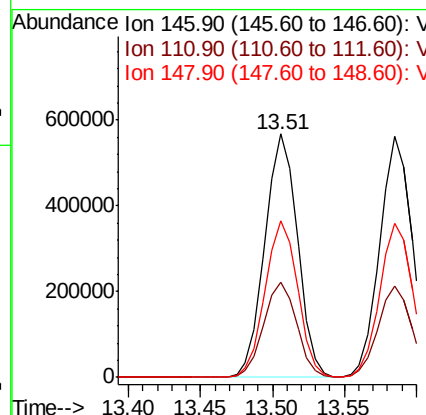
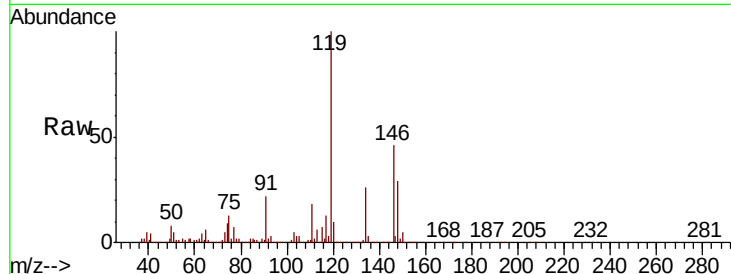
#87
 1,3-Dichlorobenzene
 Concen: 54.02 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	891967		
111	39.3	19.2	57.6	
148	64.0	31.9	95.7	

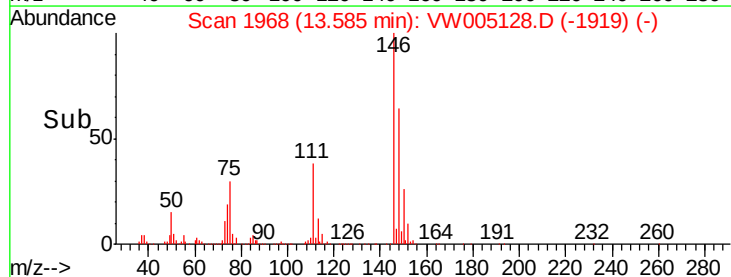
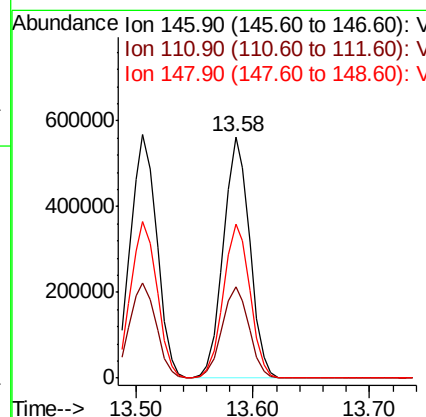
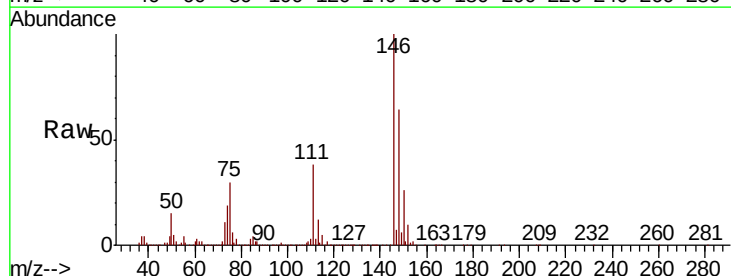
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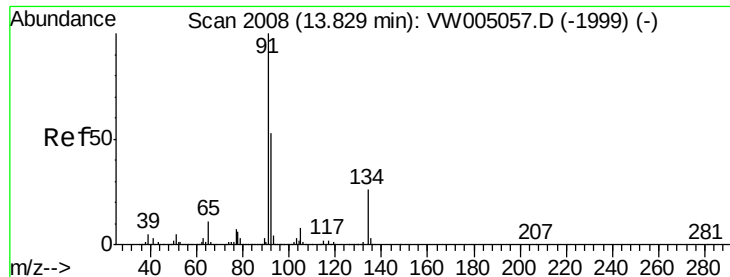
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#88
 1,4-Dichlorobenzene
 Concen: 53.51 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	876367		
111	38.6	18.6	56.0	
148	64.3	32.0	96.0	





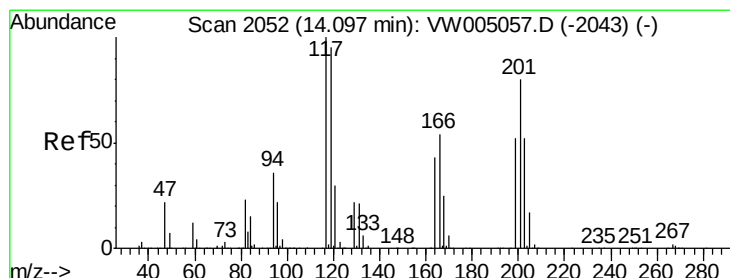
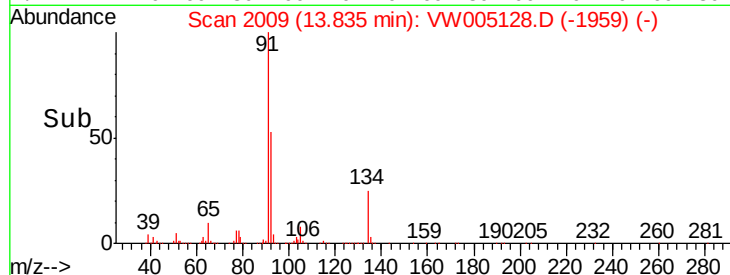
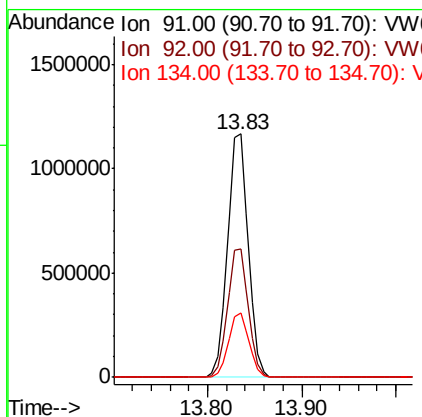
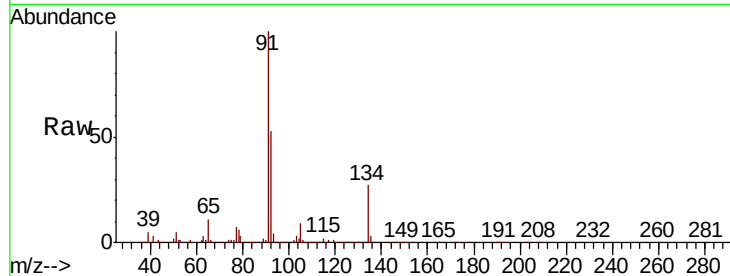
#89
n-Butylbenzene
Concen: 62.29 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	26.2	13.5	40.4

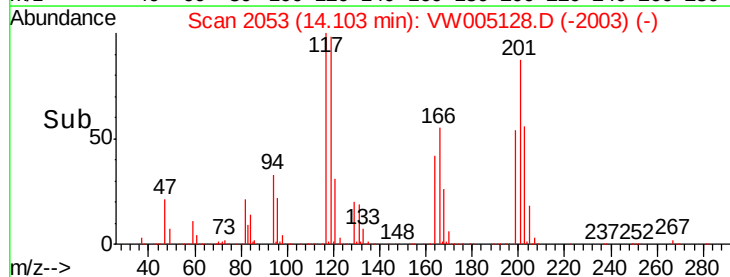
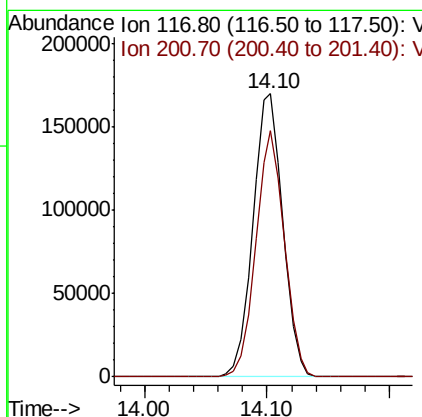
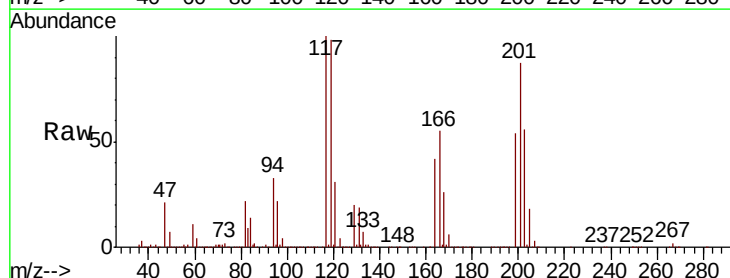
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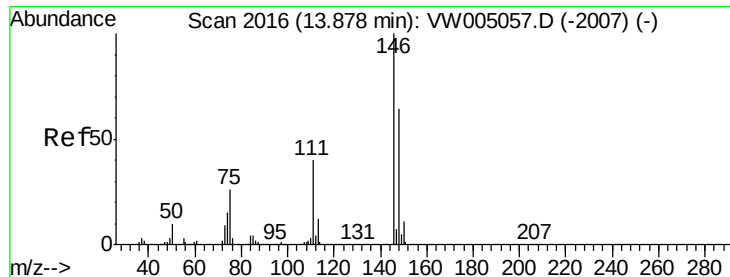
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#90
Hexachloroethane
Concen: 56.41 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.5	44.6	133.8





#91

1,2-Dichlorobenzene

Concen: 54.40 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005128.D

Acq: 05 Sep 2018 14:32

Instrument :

MSVOA_W

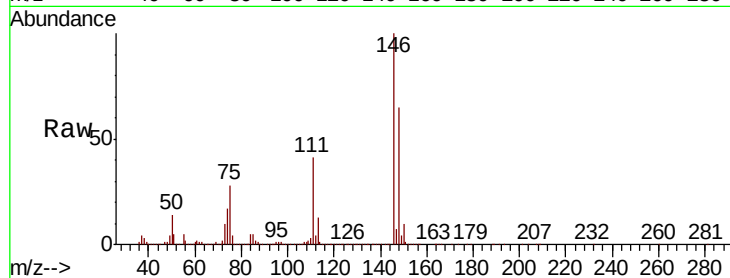
ClientSampleId :

VSTDCCC050

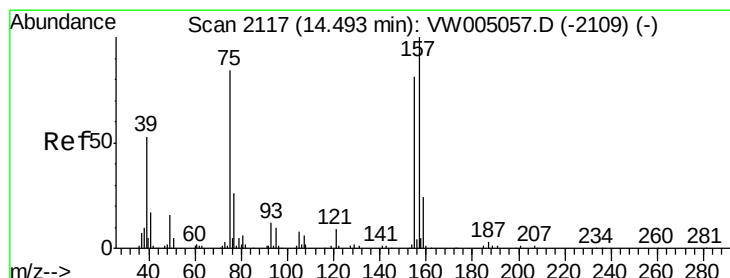
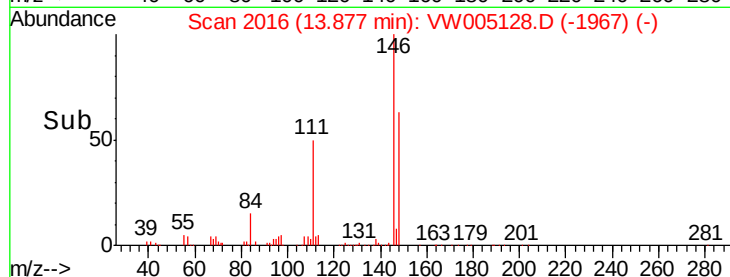
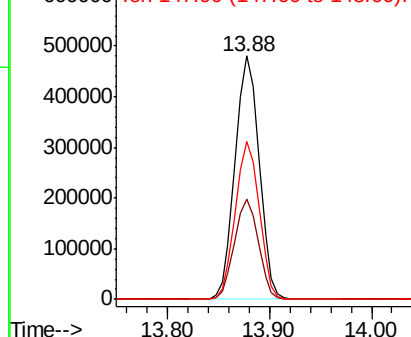
Tot Ion:	146	Resp:	782843
Ion Ratio	Lower	Upper	
146	100		
111	40.9	19.9	59.7
148	64.4	31.9	95.9

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.68 ug/l

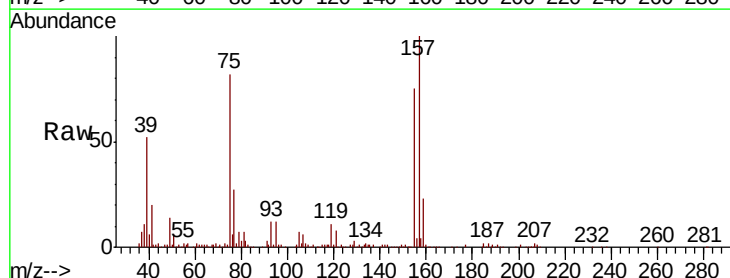
RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

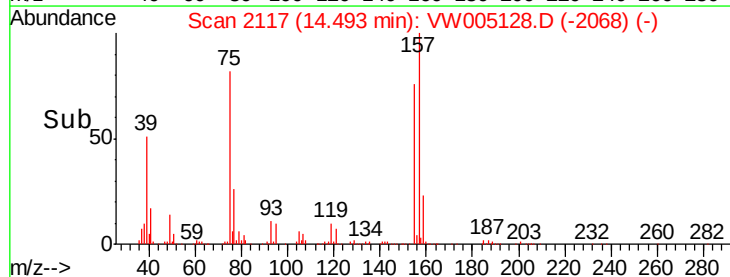
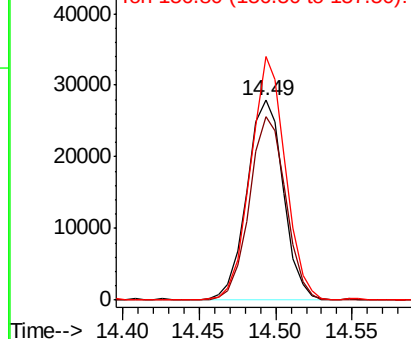
Lab File: VW005128.D

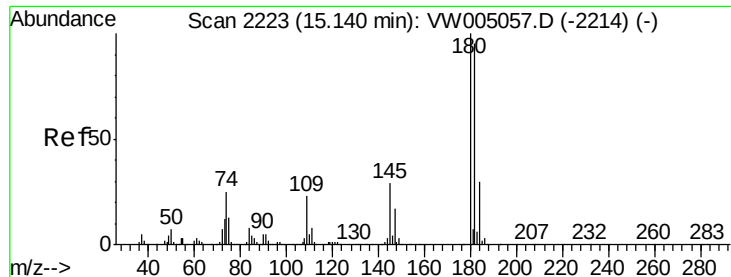
Acq: 05 Sep 2018 14:32

Tgt Ion:	75	Resp:	46317
Ion Ratio	Lower	Upper	
75	100		
155	90.8	46.0	137.8
157	115.6	58.6	175.7



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





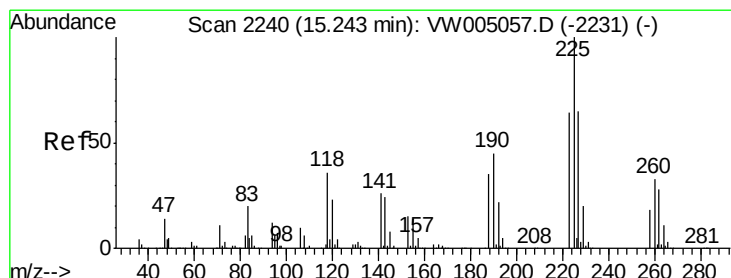
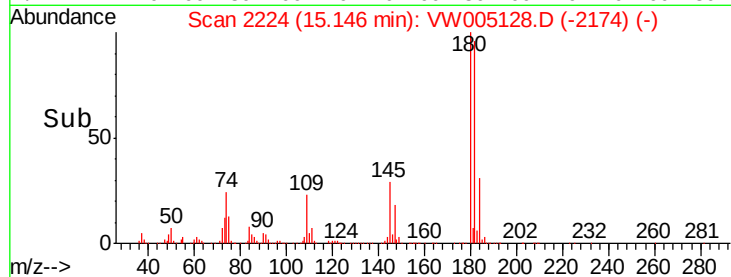
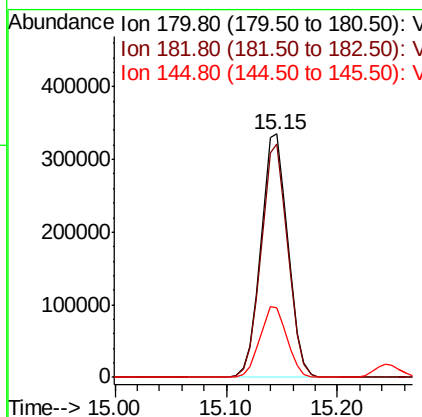
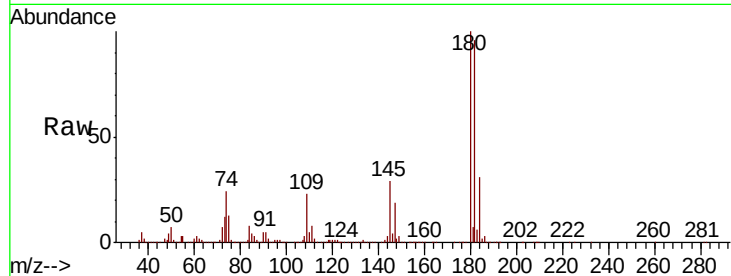
#93
 1,2,4-Trichlorobenzene
 Concen: 59.03 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	569593		
182	94.3	47.5	142.6	
145	29.2	14.4	43.2	

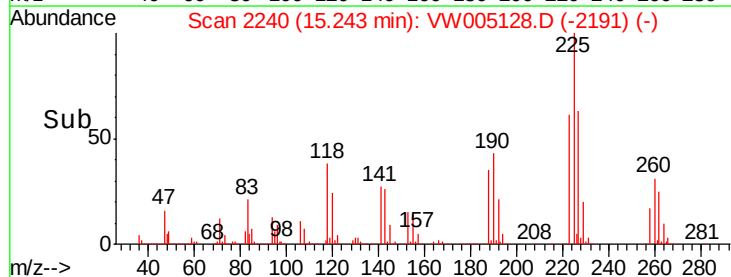
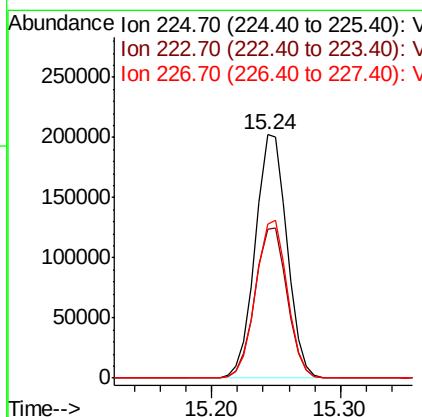
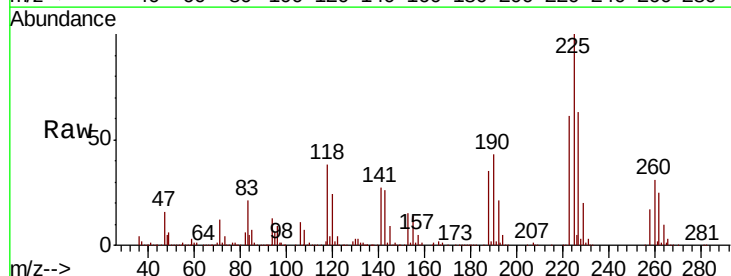
Manual Integrations
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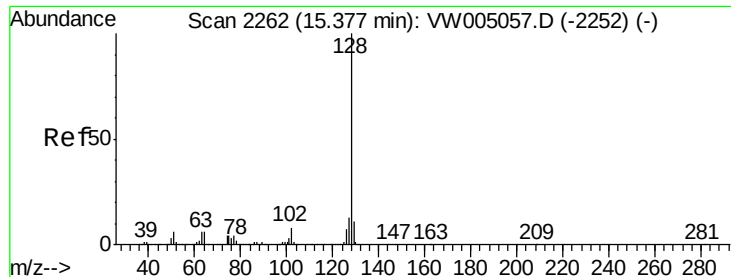
apatel
 9/6/2018 12:02:26 PM



#94
 Hexachlorobutadiene
 Concen: 57.31 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005128.D
 Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	343976		
223	62.5	31.4	94.3	
227	64.3	32.0	96.0	





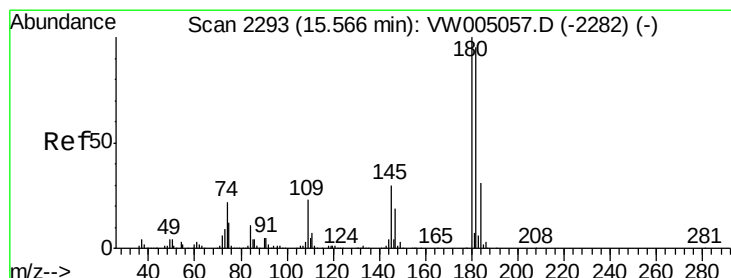
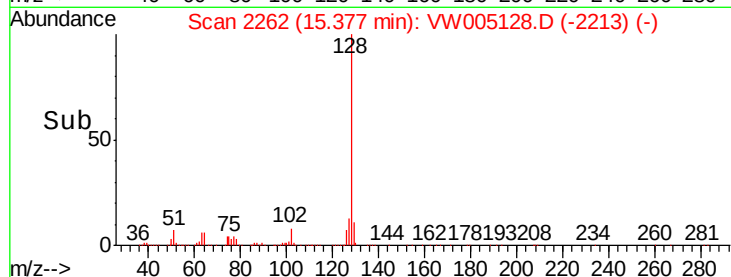
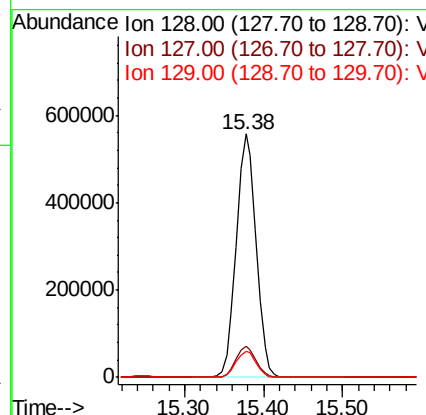
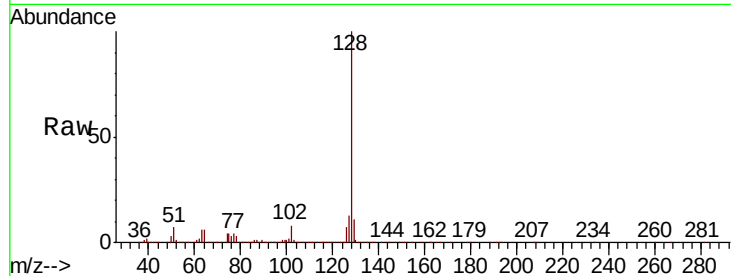
#95
Naphthalene
Concen: 57.90 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	977151		
127	13.0		10.4	15.6
129	10.9		8.7	13.1

Manual Integrations
APPROVED

apatel
9/6/2018 12:02:26 PM



#96
1,2,3-Trichlorobenzene
Concen: 59.06 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005128.D
Acq: 05 Sep 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	487732		
182	94.8		47.4	142.3
145	31.0		15.4	46.1

