

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005242.D
 Acq On : 10 Sep 2018 15:23
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:25 AM

Quant Time: Sep 11 03:39:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	533244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	757579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	731690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	398175	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	193896	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	7.89	113	201405	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.33	98	1050696	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.63	95	375817	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	203846	44.32	ug/l	100
3) Chloromethane	2.21	50	283033	46.02	ug/l	100
4) Vinyl Chloride	2.36	62	262570	46.51	ug/l	100
5) Bromomethane	2.76	94	170785	44.46	ug/l	100
6) Chloroethane	2.92	64	145797	46.88	ug/l	100
7) Trichlorofluoromethane	3.26	101	286526	44.86	ug/l	100
8) Diethyl Ether	3.69	74	103640	45.53	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	207581	45.50	ug/l	100
10) Methyl Iodide	4.28	142	275452	54.83	ug/l	100
11) Tert butyl alcohol	5.17	59	73101	224.12	ug/l	100
12) 1,1-Dichloroethene	4.04	96	194131	46.22	ug/l	100
13) Acrolein	3.90	56	71485	226.89	ug/l	100
14) Allyl chloride	4.68	41	299975	46.48	ug/l	100
15) Acrylonitrile	5.37	53	243479	237.10	ug/l	100
16) Acetone	4.13	43	170929	231.53	ug/l	100
17) Carbon Disulfide	4.39	76	694393	47.10	ug/l	100
18) Methyl Acetate	4.68	43	101224	45.93	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	473231	47.30	ug/l	100
20) Methylene Chloride	4.92	84	266207	42.54	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	222404	45.35	ug/l	100
22) Diisopropyl ether	6.32	45	630545	48.53	ug/l	100
23) Vinyl Acetate	6.26	43	1739408	240.21	ug/l	100
24) 1,1-Dichloroethane	6.23	63	362668	45.34	ug/l	100
25) 2-Butanone	7.18	43	271234	232.92	ug/l	100
26) 2,2-Dichloropropane	7.18	77	322323	46.48	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	242152	46.13	ug/l	100
28) Bromochloromethane	7.52	49	139996	47.45	ug/l	100
29) Tetrahydrofuran	7.54	42	186814	238.06	ug/l	100
30) Chloroform	7.68	83	372653	46.43	ug/l	100
31) Cyclohexane	7.96	56	406980	47.82	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	347145	47.87	ug/l	100
36) 1,1-Dichloropropene	8.09	75	338021	48.70	ug/l	100
37) Ethyl Acetate	7.26	43	121658	46.08	ug/l	100
38) Carbon Tetrachloride	8.07	117	311686	47.94	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	459333	49.84	ug/l	100
40) Benzene	8.33	78	1018207	49.79	ug/l	100
41) Methacrylonitrile	7.49	41	69304	51.17	ug/l	100
42) 1,2-Dichloroethane	8.41	62	227149	46.43	ug/l	100
43) Isopropyl Acetate	8.43	43	237991	48.55	ug/l	100
44) Trichloroethene	9.10	130	274850	49.00	ug/l	100
45) 1,2-Dichloropropane	9.38	63	241918	49.22	ug/l	100
46) Dibromomethane	9.46	93	111506	46.35	ug/l	100
47) Bromodichloromethane	9.65	83	283982	48.25	ug/l	100
48) Methyl methacrylate	9.44	41	130372	51.22	ug/l	100
49) 1,4-Dioxane	9.45	88	46946	1045.16	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	686031	248.67	ug/l	100
52) Toluene	10.40	92	731316	49.21	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	310818	48.87	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	371827	48.82	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	181522	47.32	ug/l	100
56) Ethyl methacrylate	10.65	69	246891	50.77	ug/l	100
57) 1,3-Dichloropropane	10.94	76	304734	47.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	513191	242.79	ug/l	100
59) 2-Hexanone	10.98	43	497399	250.09	ug/l	100
60) Dibromochloromethane	11.13	129	206208	48.45	ug/l	100
61) 1,2-Dibromoethane	11.24	107	169534	48.19	ug/l	100
64) Tetrachloroethene	10.87	164	270595	49.85	ug/l	100
65) Chlorobenzene	11.66	112	796727	49.71	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	237180	49.56	ug/l	100
67) Ethyl Benzene	11.74	91	1421747	50.93	ug/l	100
68) m/p-Xylenes	11.85	106	1136905	101.07	ug/l	100
69) o-Xylene	12.17	106	538410	51.45	ug/l	100
70) Styrene	12.19	104	886652	51.92	ug/l	100
71) Bromoform	12.35	173	129400	49.87	ug/l	# 100
73) Isopropylbenzene	12.47	105	1462632	51.99	ug/l	100
74) N-amyl acetate	12.28	43	275911	51.55	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	212634	50.29	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	146206m	28.27	ug/l	
77) Bromobenzene	12.76	156	330925	49.93	ug/l	100
78) n-propylbenzene	12.81	91	1707676	50.54	ug/l	100
79) 2-Chlorotoluene	12.90	91	982971	50.73	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1221848	51.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	67063	51.35	ug/l	100
82) 4-Chlorotoluene	12.99	91	1025995	50.38	ug/l	100
83) tert-Butylbenzene	13.21	119	1060516	50.62	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1209834	50.26	ug/l	100
85) sec-Butylbenzene	13.39	105	1530995	50.85	ug/l	100
86) p-Isopropyltoluene	13.51	119	1372433	51.49	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	694291	49.89	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	664725	48.63	ug/l	100
89) n-Butylbenzene	13.83	91	1285002	51.28	ug/l	100
90) Hexachloroethane	14.10	117	213889	50.08	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	600267	49.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	35616	50.66	ug/l	100

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VSTDICCC050

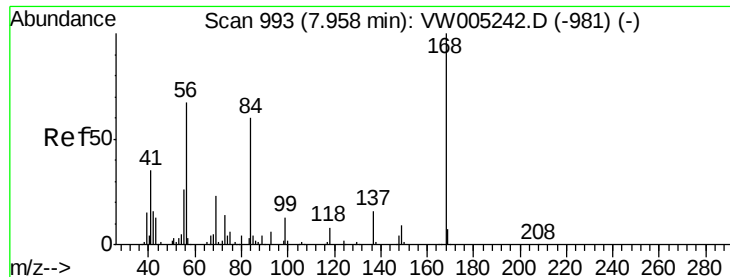
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	431159	49.83	ug/l	100
94) Hexachlorobutadiene	15.25	225	277884	50.15	ug/l	100
95) Naphthalene	15.38	128	726632	51.79	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	376250	50.53	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 533244

Ion Ratio Lower Upper

168 100

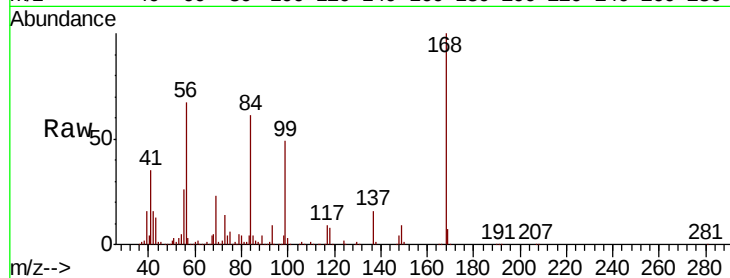
99 48.9 39.1 58.7

Manual Integrations

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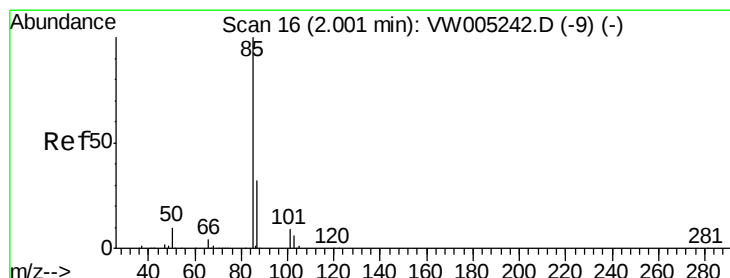
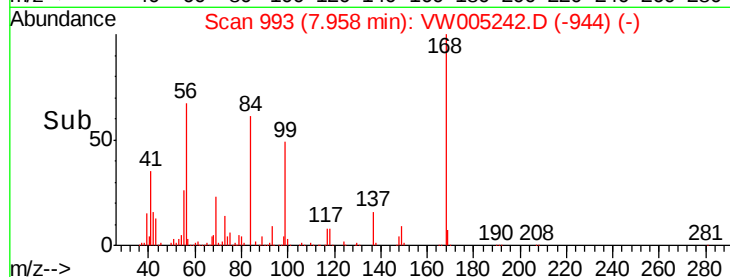
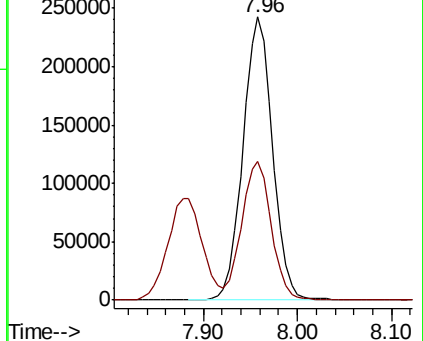
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.32 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005242.D

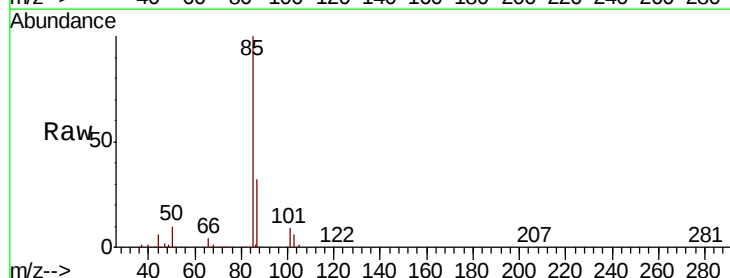
Acq: 10 Sep 2018 15:23

Tgt Ion: 85 Resp: 203846

Ion Ratio Lower Upper

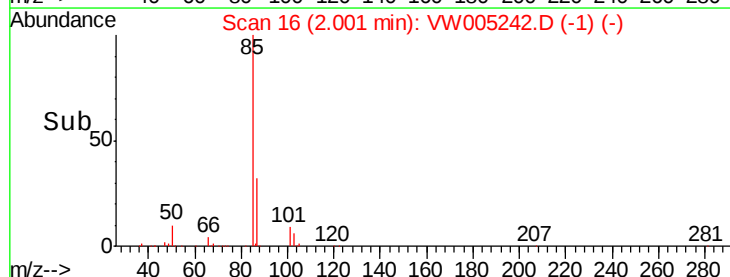
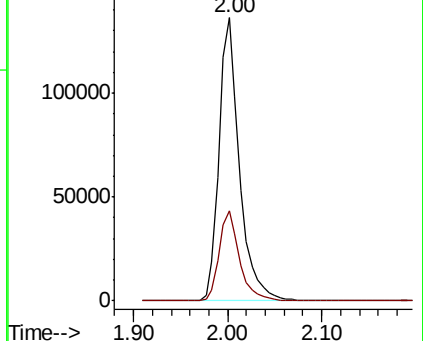
85 100

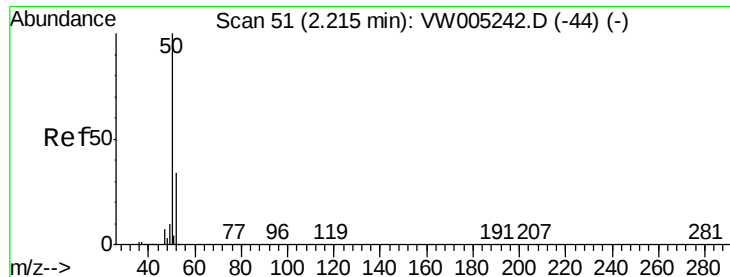
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.02 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 50 Resp: 283033

Ion Ratio Lower Upper

50 100

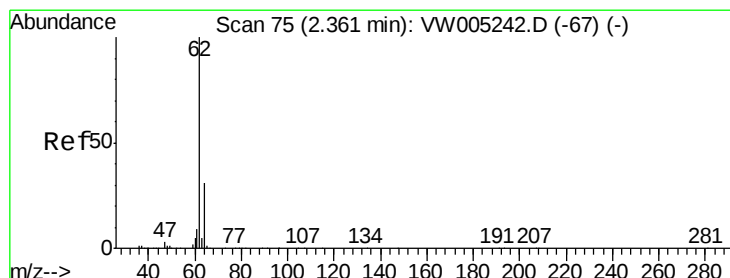
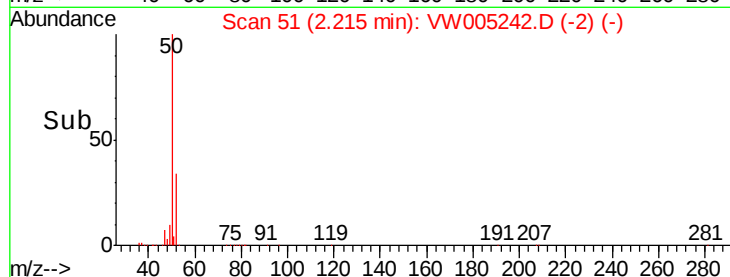
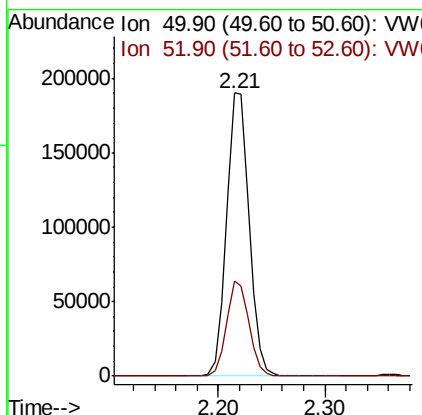
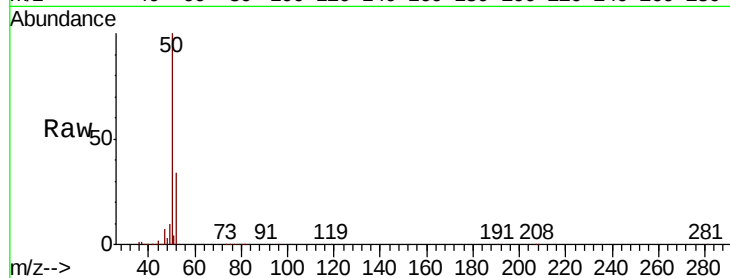
52 33.7 27.0 40.4

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#4

Vinyl Chloride

Concen: 46.51 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005242.D

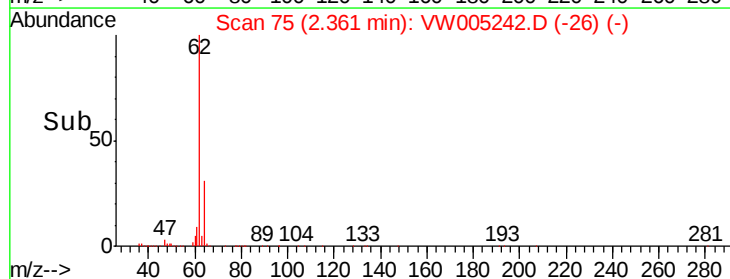
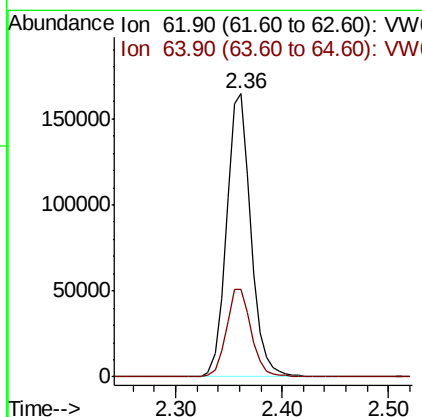
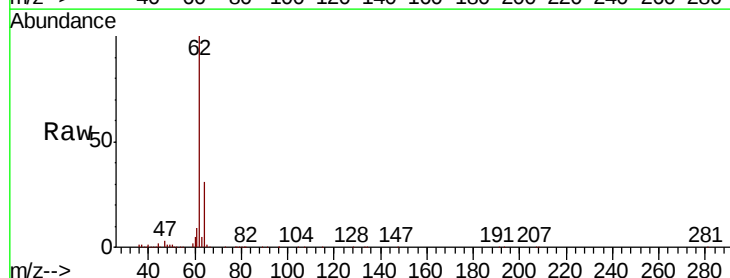
Acq: 10 Sep 2018 15:23

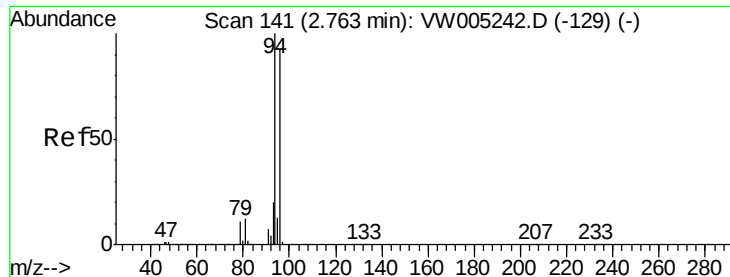
Tgt Ion: 62 Resp: 262570

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 44.46 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tot Ion: 94 Resp: 170785

Ion Ratio Lower Upper

94 100

96 92.6 74.1 111.1

Instrument :

MSVOA_W

ClientSampled :

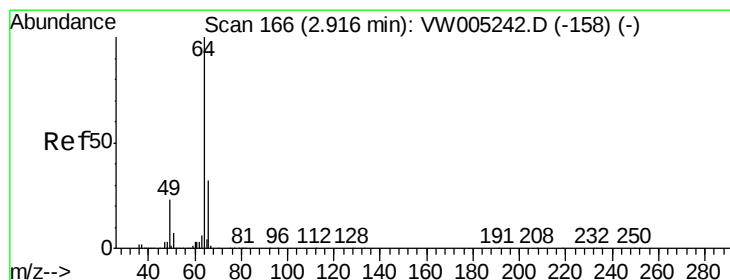
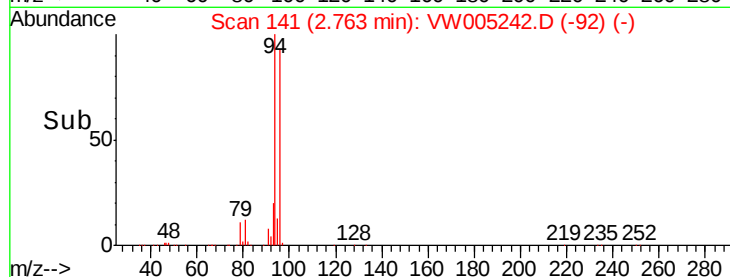
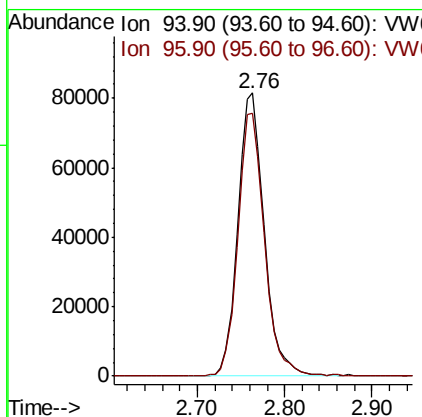
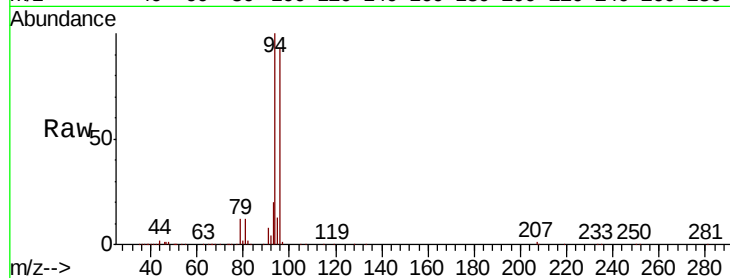
VSTDICCC050

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#6

Chloroethane

Concen: 46.88 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW005242.D

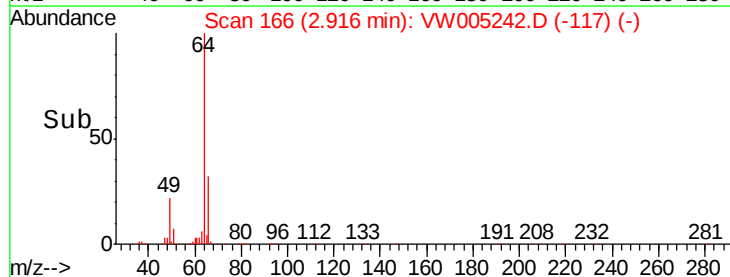
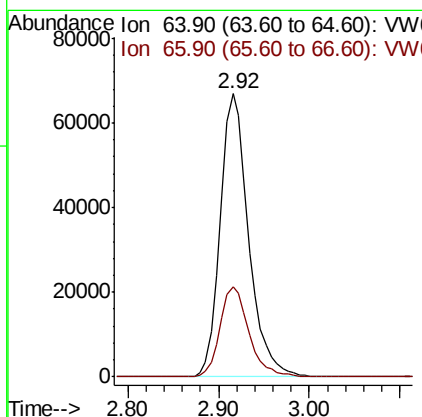
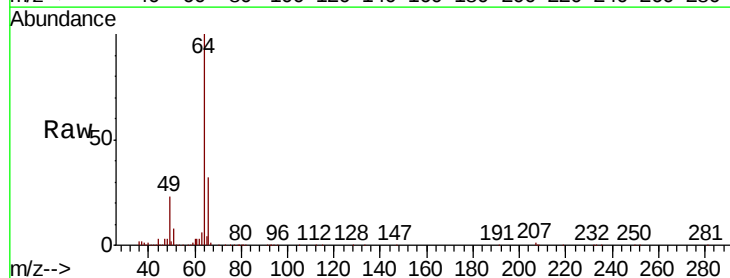
Acq: 10 Sep 2018 15:23

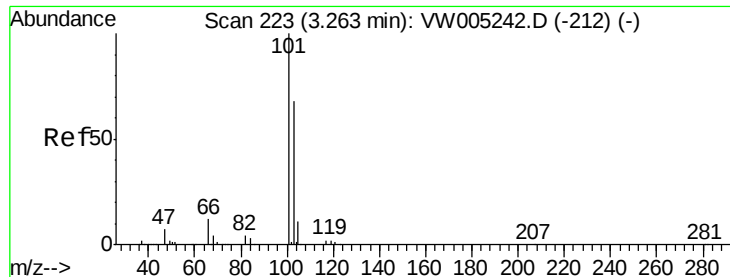
Tgt Ion: 64 Resp: 145797

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9





#7

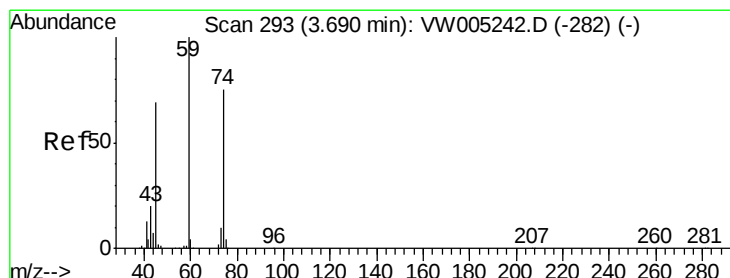
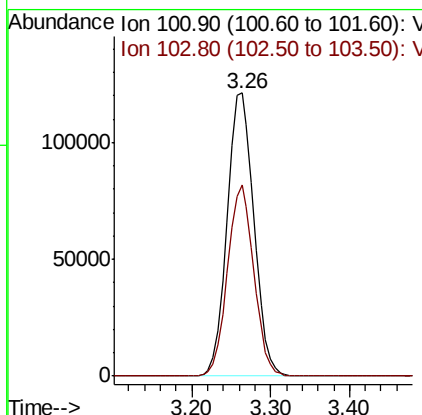
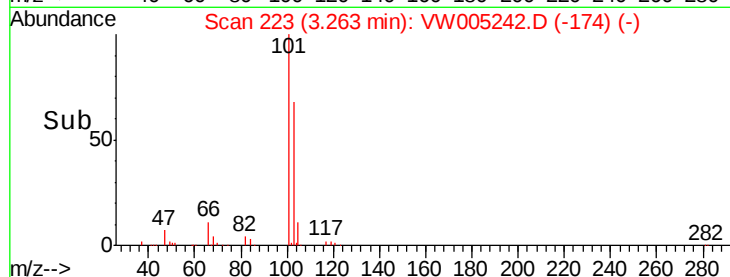
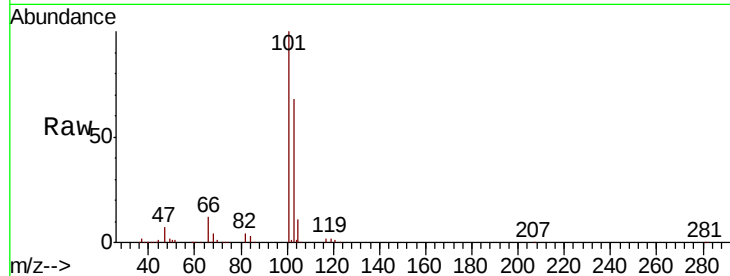
Trichlorofluoromethane
 Concen: 44.86 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
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 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	286526		
103	67.6	54.1	81.1	

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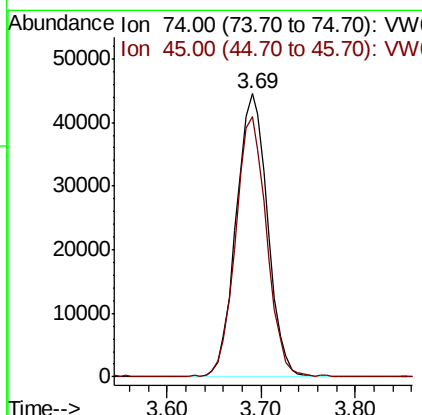
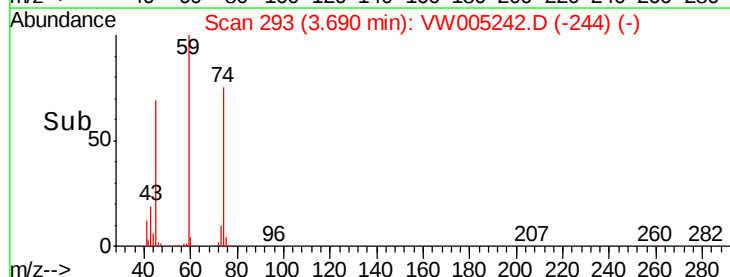
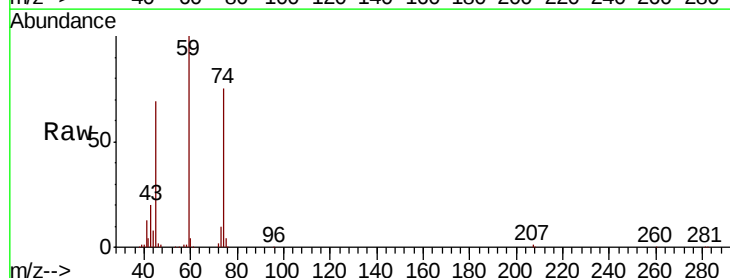
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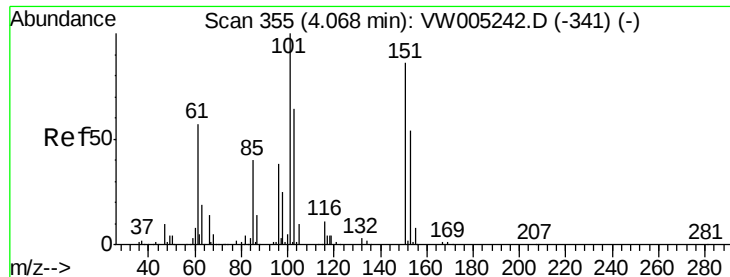


#8

Diethyl Ether
 Concen: 45.53 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	103640		
45	90.2	45.1	135.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.50 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

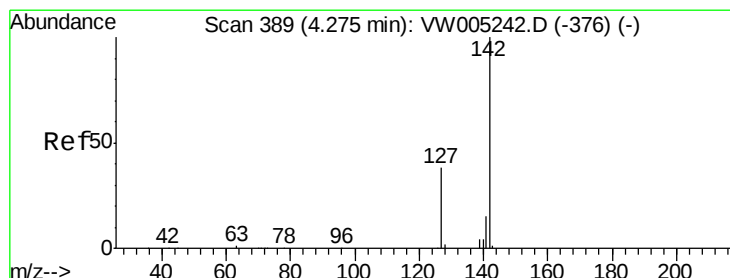
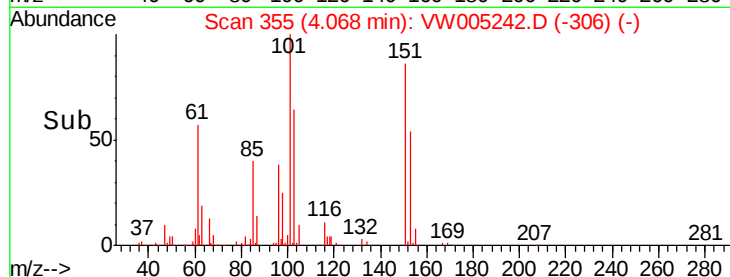
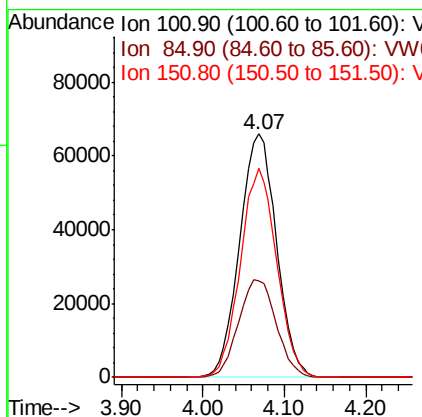
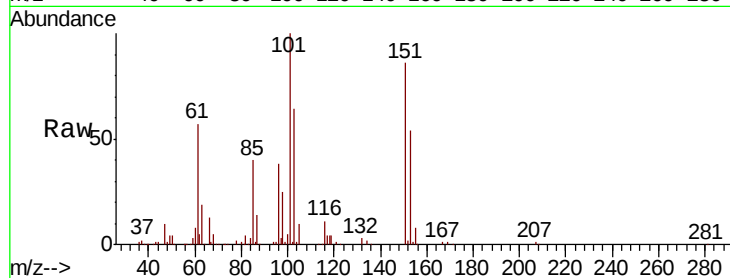
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	207581
Ion Ratio	Lower	Upper	
101	100		
85	40.9	32.7	49.1
151	84.5	67.6	101.4

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#10

Methyl Iodide

Concen: 54.83 ug/l

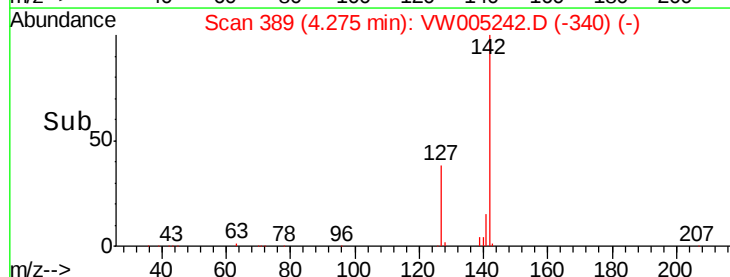
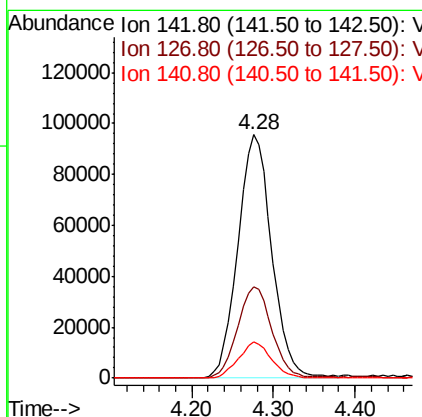
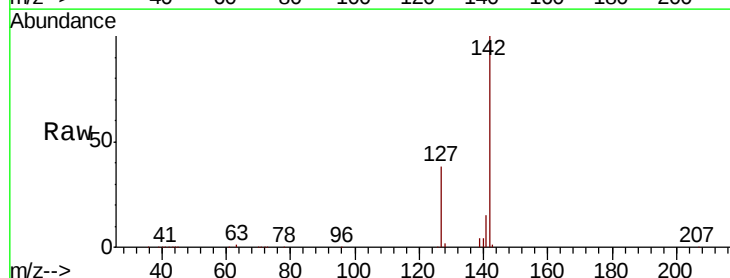
RT: 4.28 min Scan# 389

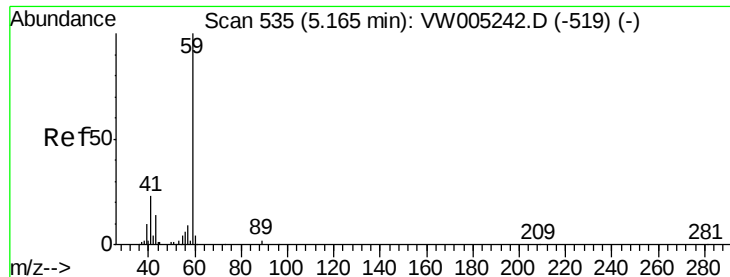
Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion:	142	Resp:	275452
Ion Ratio	Lower	Upper	
142	100		
127	37.9	30.3	45.5
141	14.2	11.4	17.0





#11

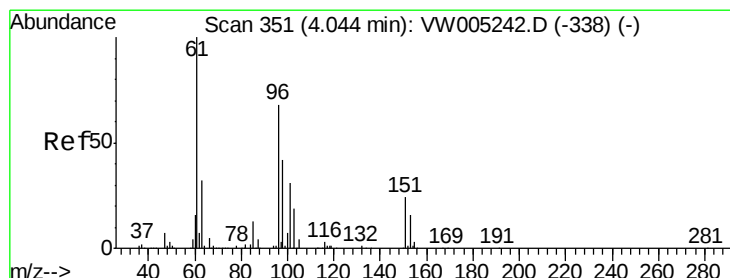
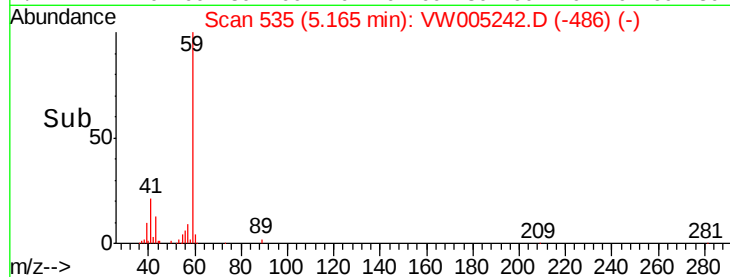
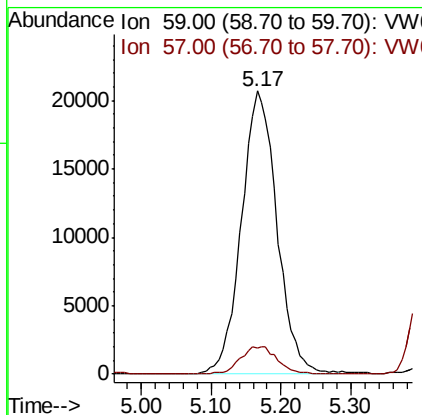
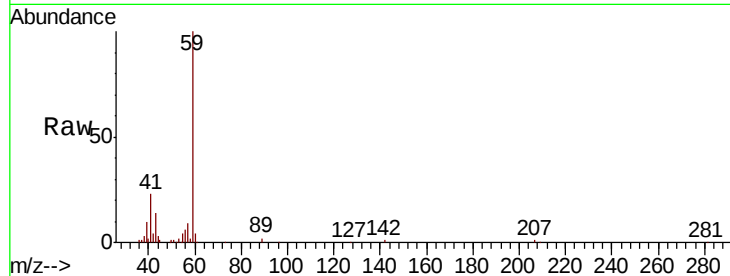
Tert butyl alcohol
 Concen: 224.12 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	59	Resp	73101
Ion Ratio	100	Lower	Upper
57	10.1	8.1	12.1

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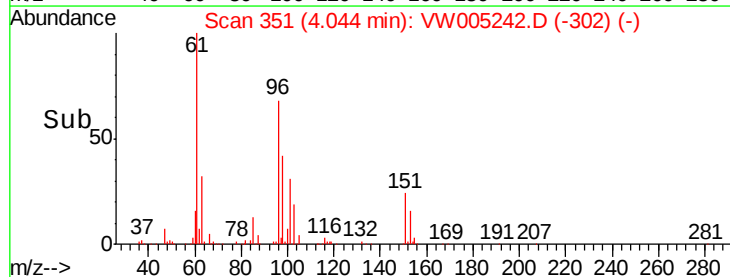
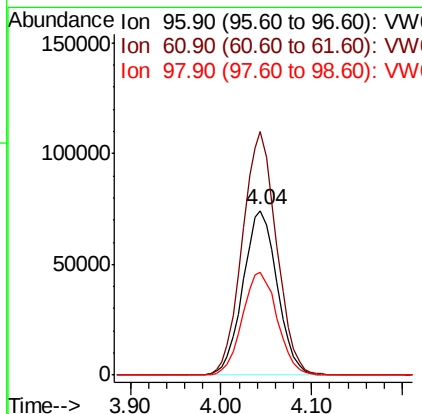
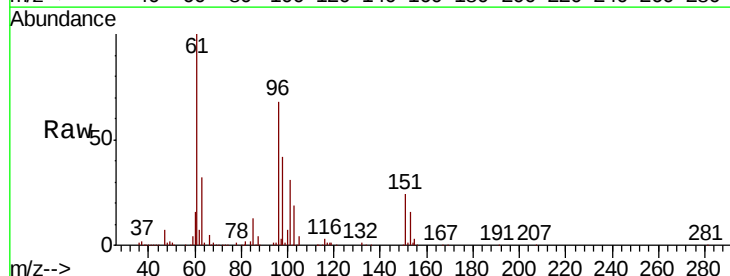
apatel
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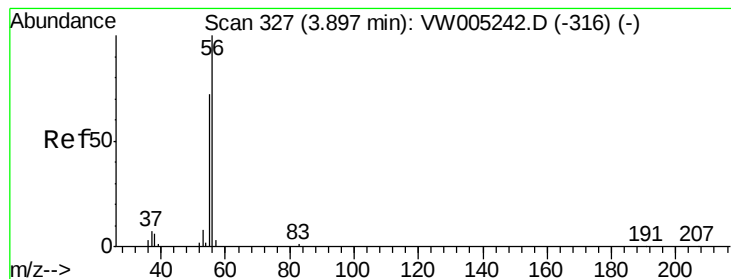


#12

1,1-Dichloroethene
 Concen: 46.22 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	96	Resp	194131
Ion Ratio	100	Lower	Upper
61	147.7	118.2	177.2
98	62.4	49.9	74.9





#13

Acrolein

Concen: 226.89 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 71485

Ion Ratio Lower Upper

56 100

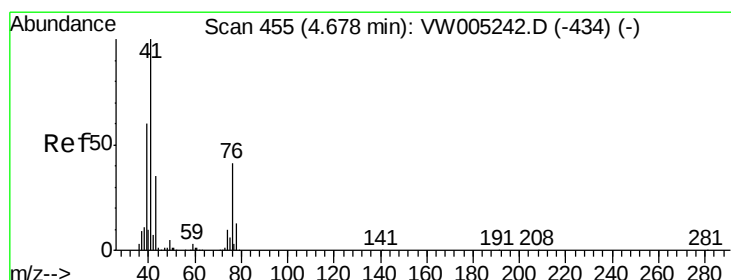
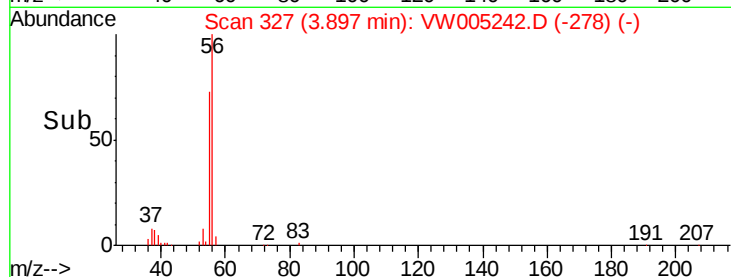
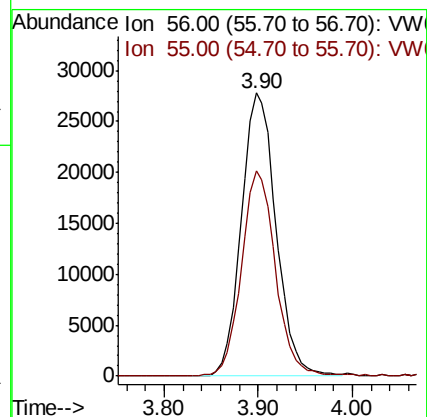
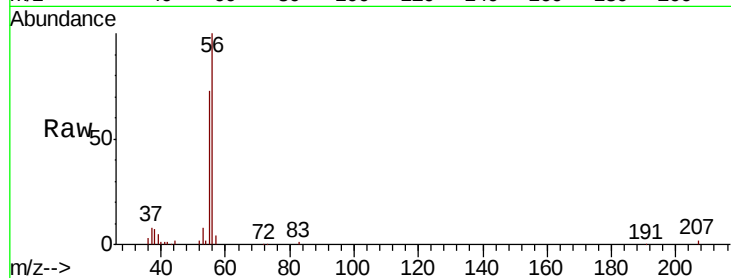
55 71.0 56.8 85.2

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#14

Allyl chloride

Concen: 46.48 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

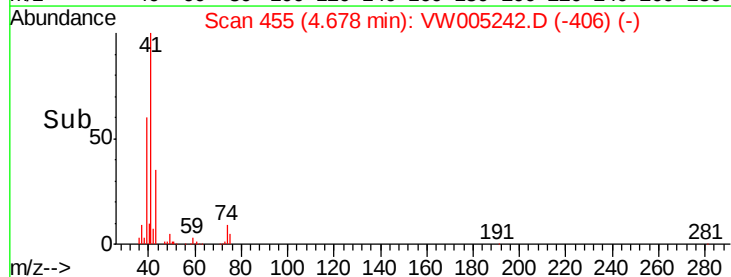
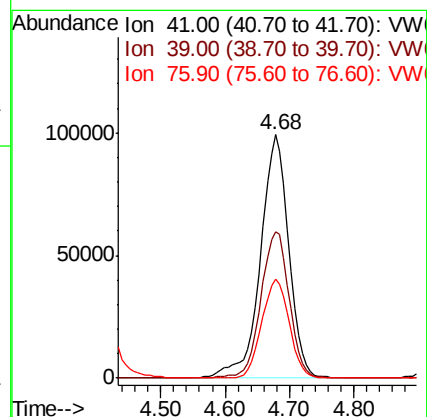
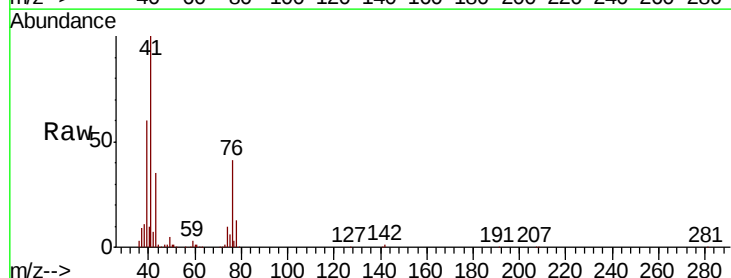
Tgt Ion: 41 Resp: 299975

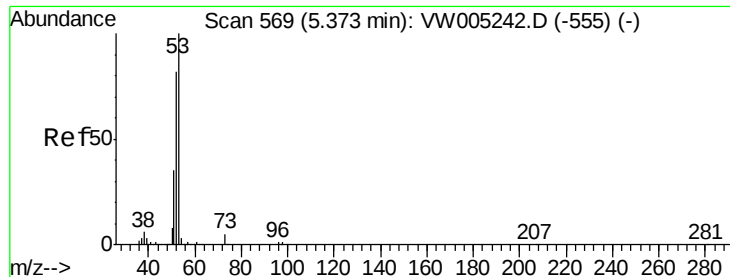
Ion Ratio Lower Upper

41 100

39 60.3 48.2 72.4

76 39.6 31.7 47.5





#15

Acrylonitrile

Concen: 237.10 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

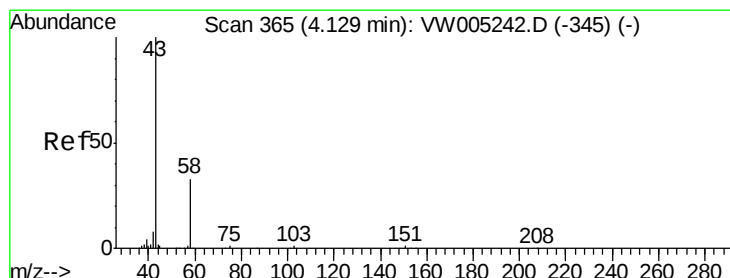
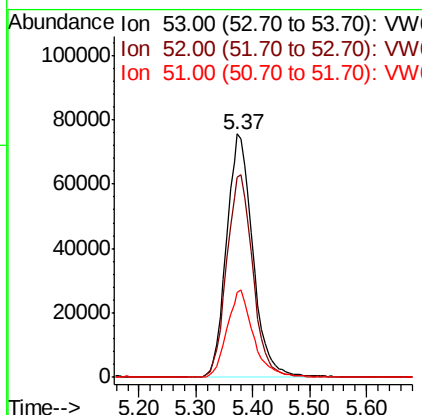
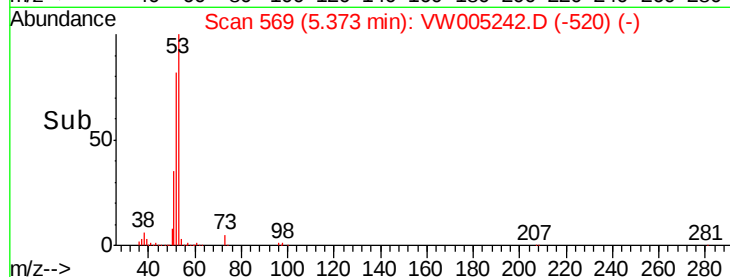
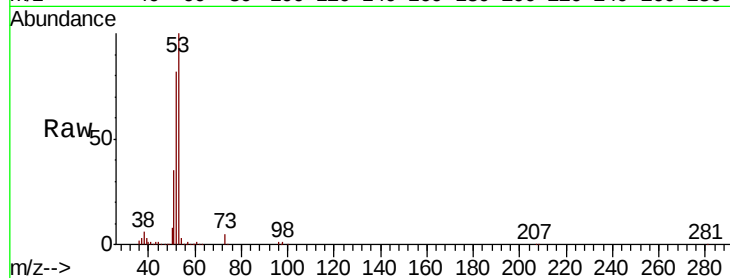
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	243479
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.0	99.0
51	35.8	28.6	43.0

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#16

Acetone

Concen: 231.53 ug/l

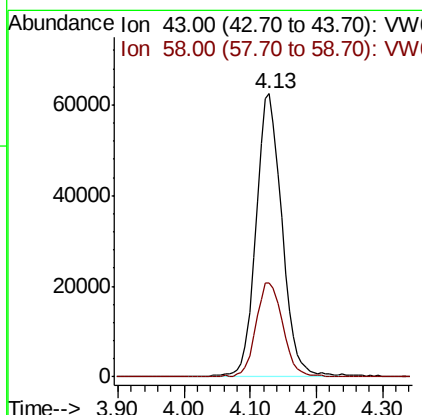
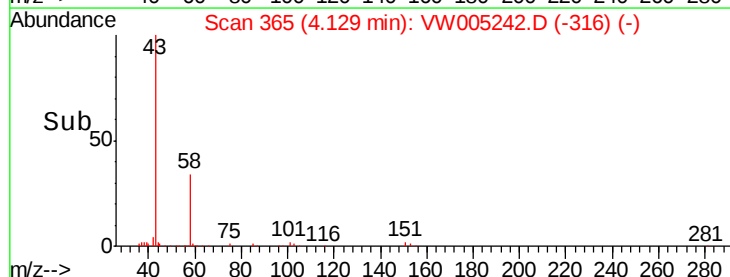
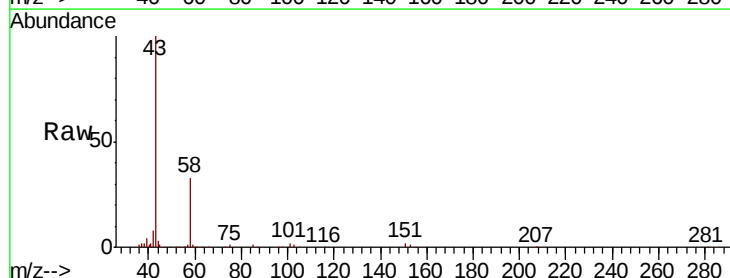
RT: 4.13 min Scan# 365

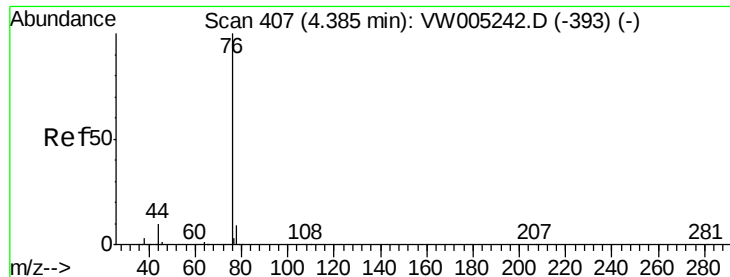
Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion:	43	Resp:	170929
Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.7	40.1





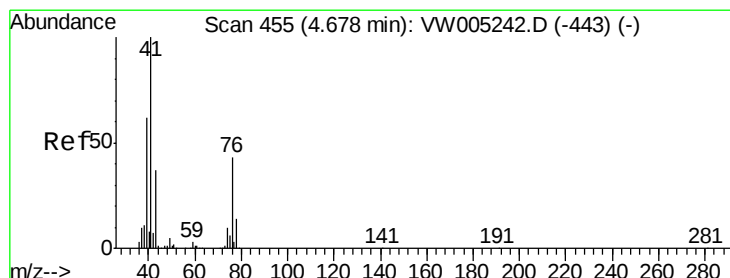
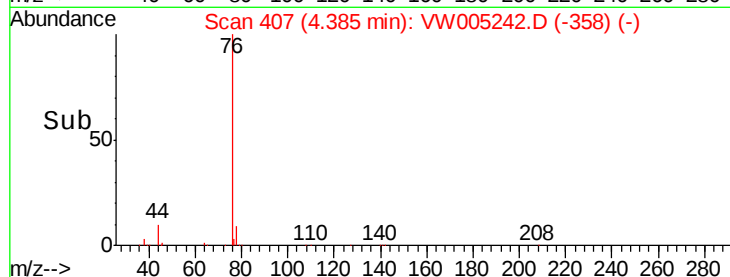
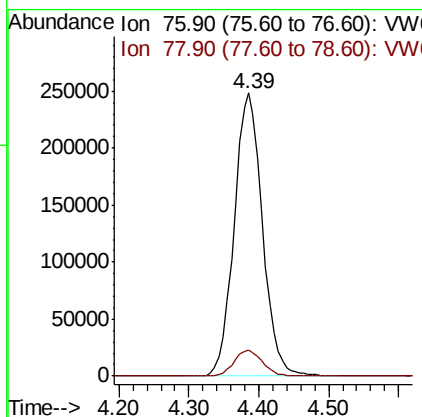
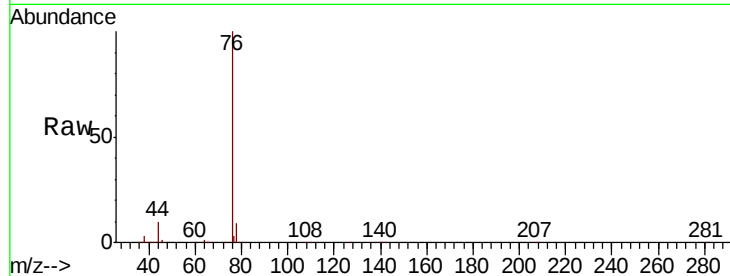
#17
Carbon Disulfide
Concen: 47.10 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

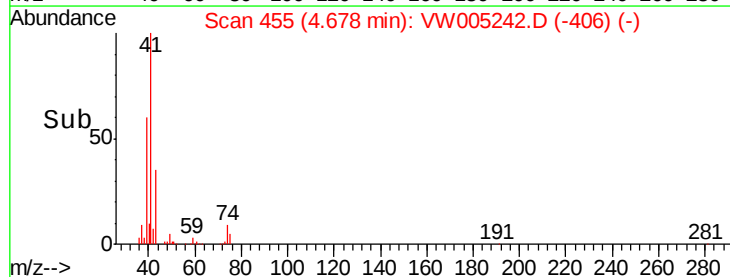
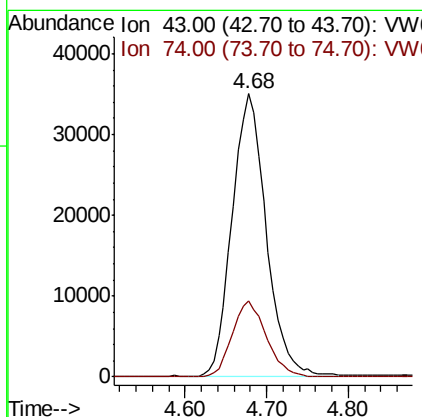
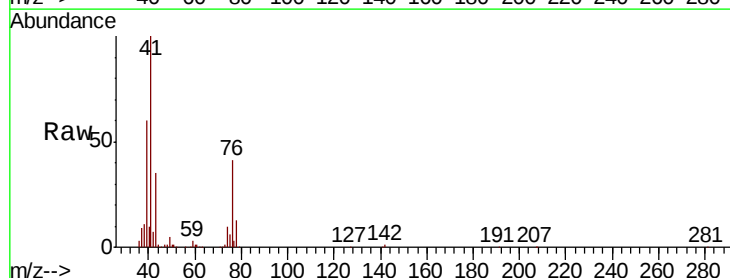
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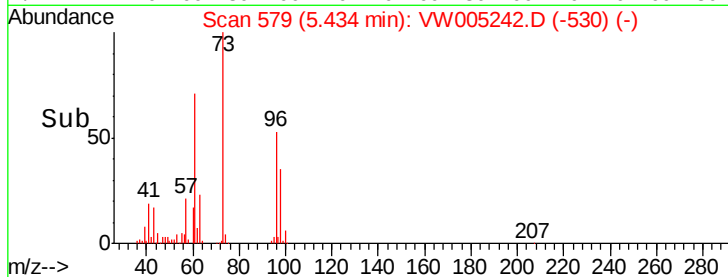
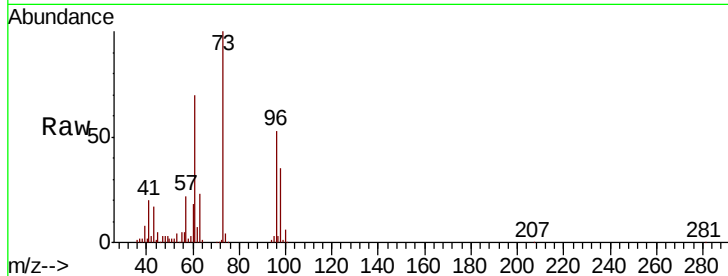
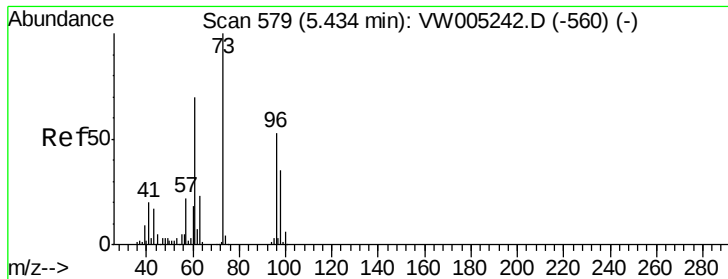
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#18
Methyl Acetate
Concen: 45.93 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.4	32.2





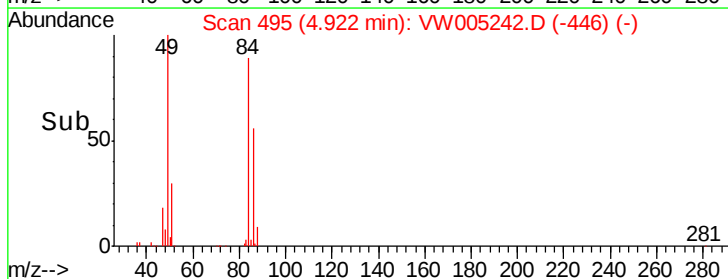
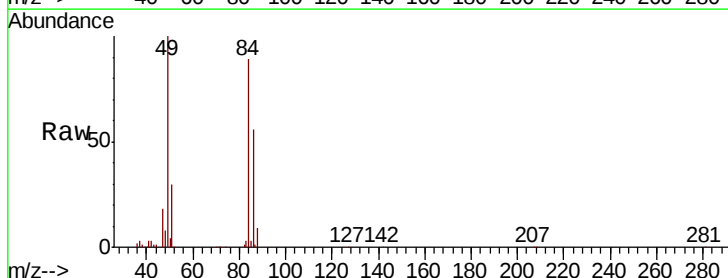
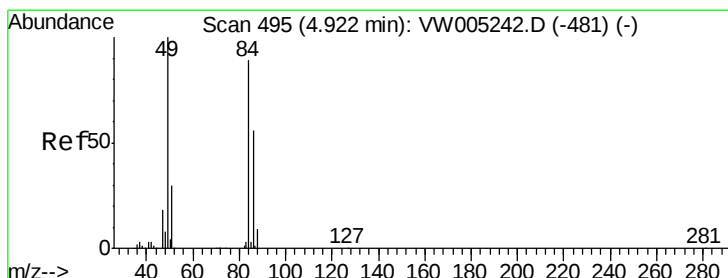
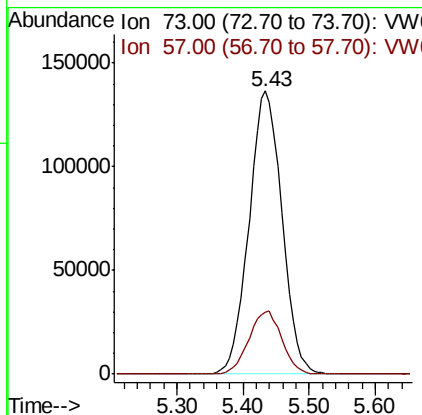
#19
Methvl tert-butvl Ether
Concen: 47.30 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tot Ion: 73 Resp: 473231
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

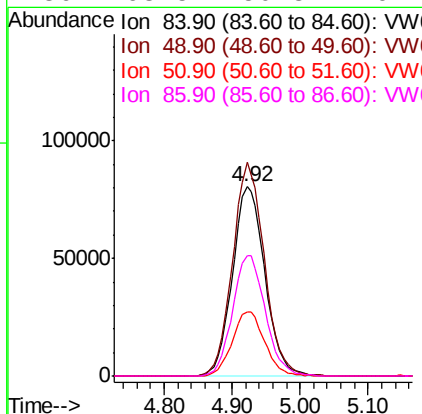
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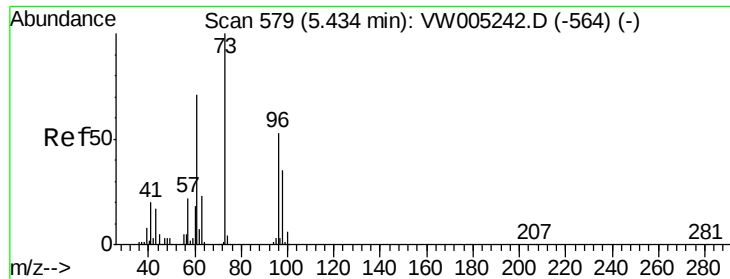
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#20
Methylene Chloride
Concen: 42.54 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 84 Resp: 266207
Ion Ratio Lower Upper
84 100
49 112.9 90.3 135.5
51 33.6 26.9 40.3
86 63.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 45.35 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 222404

Ion Ratio Lower Upper

96 100

61 132.1 105.7 158.5

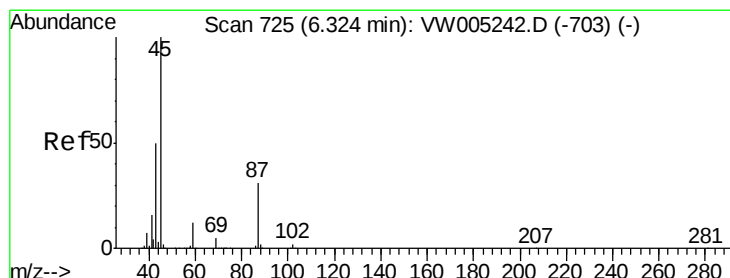
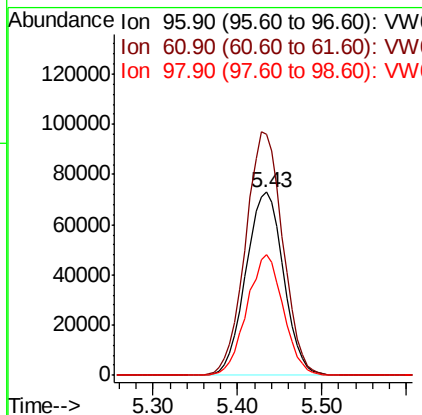
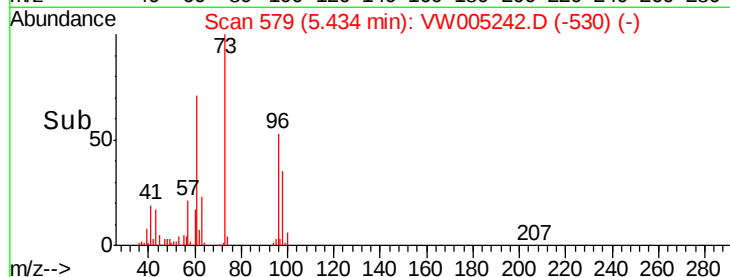
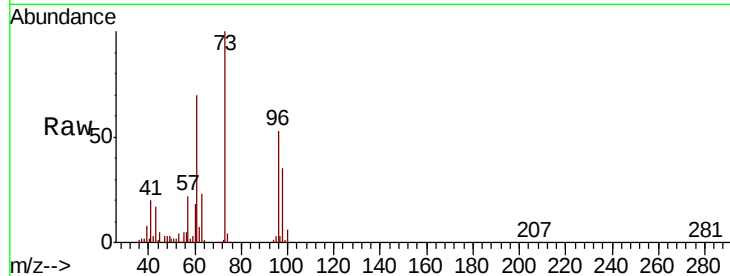
98 66.0 52.8 79.2

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#22

Diisopropyl ether

Concen: 48.53 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion: 45 Resp: 630545

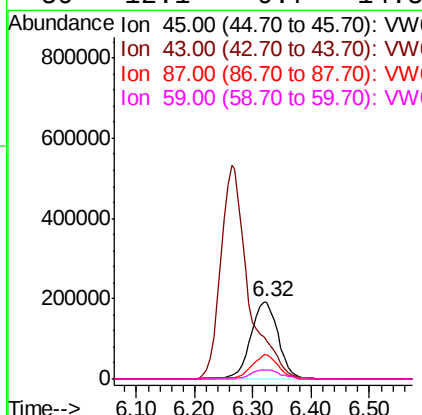
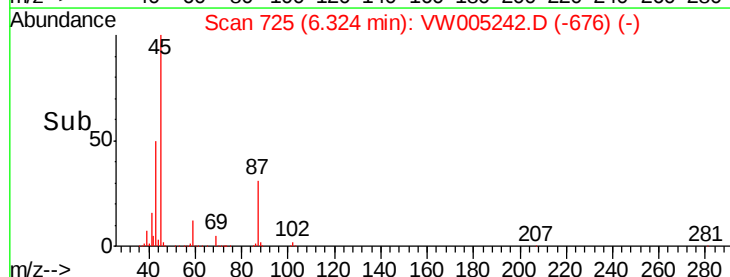
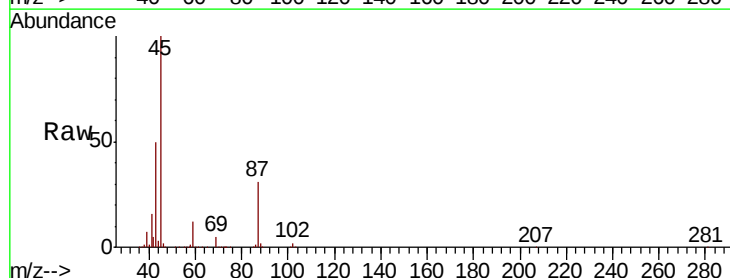
Ion Ratio Lower Upper

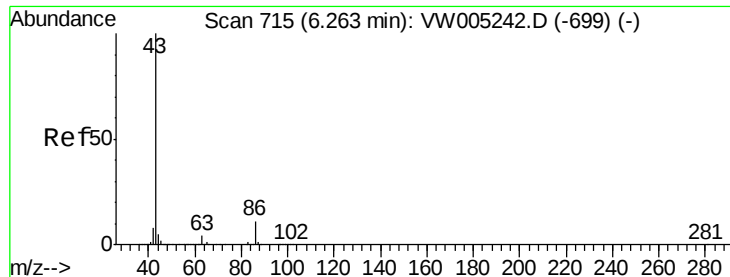
45 100

43 49.5 39.6 59.4

87 30.9 24.7 37.1

59 12.1 9.7 14.5





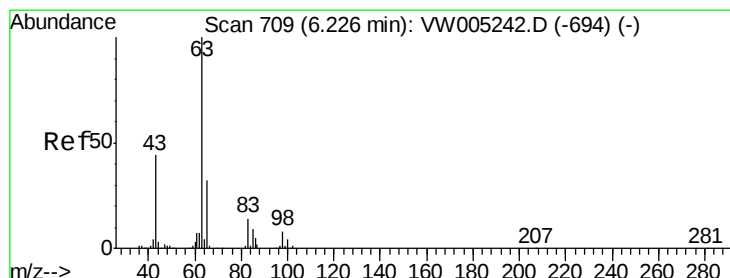
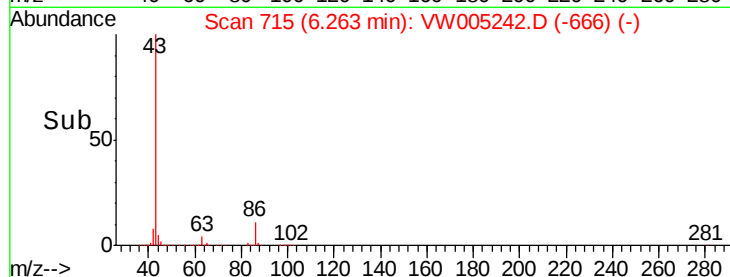
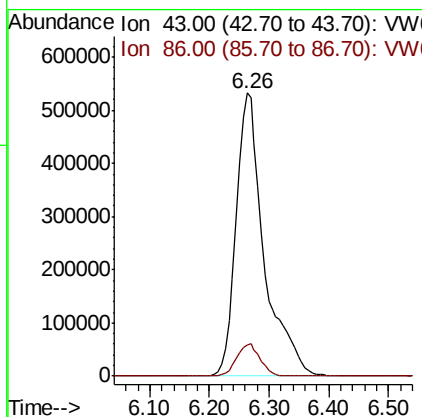
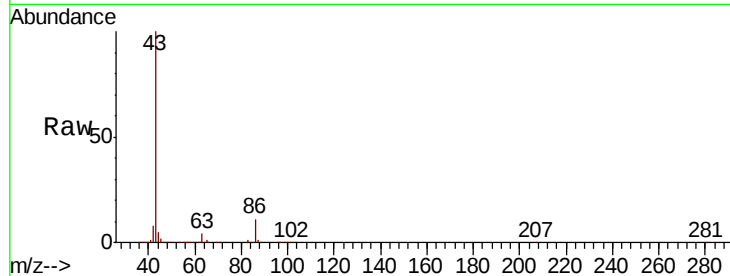
#23
 Vinyl Acetate
 Concen: 240.21 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.9	13.3

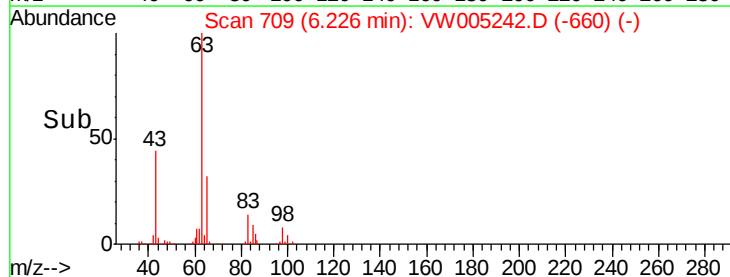
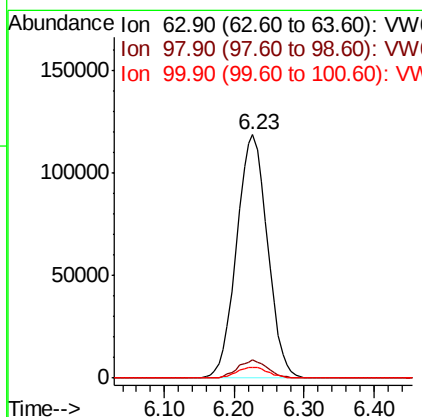
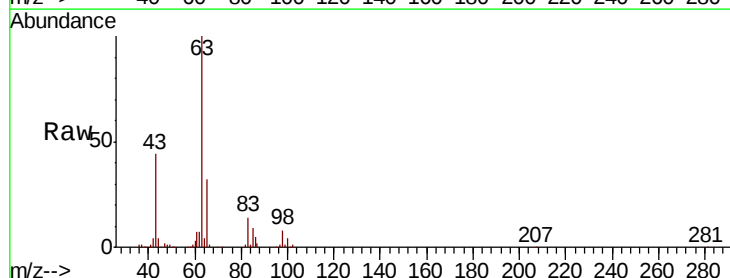
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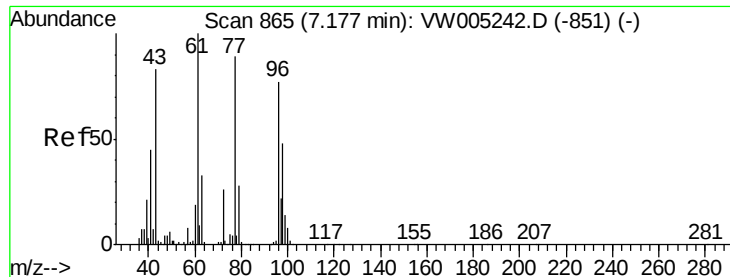
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#24
 1,1-Dichloroethane
 Concen: 45.34 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.8	11.4
100	4.4	2.2	6.6





#25

2-Butanone

Concen: 232.92 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 271234

Ion Ratio Lower Upper

43 100

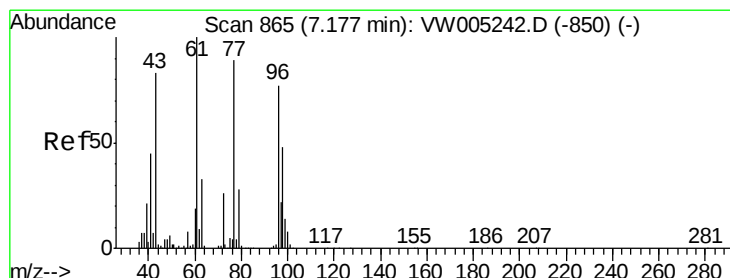
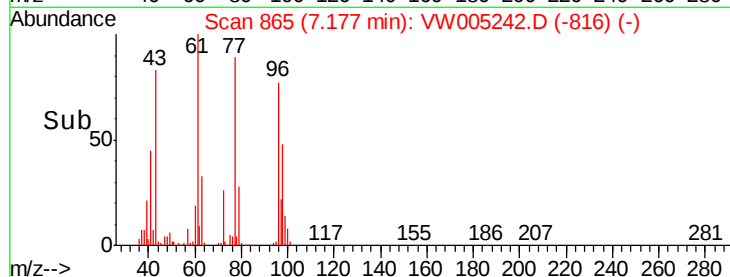
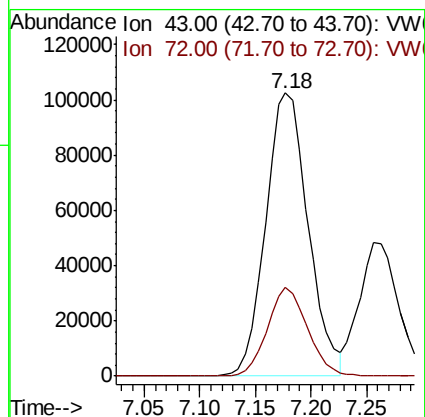
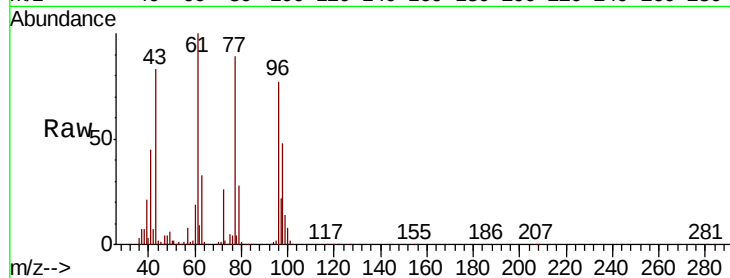
72 31.3 25.0 37.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.48 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005242.D

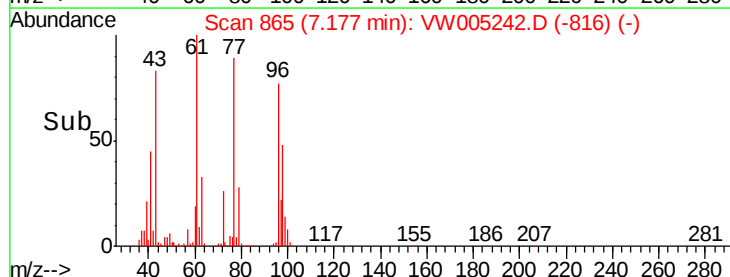
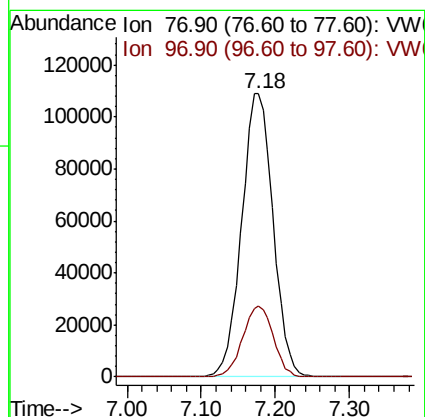
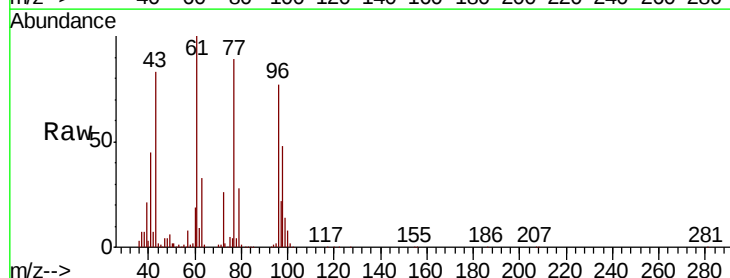
Acq: 10 Sep 2018 15:23

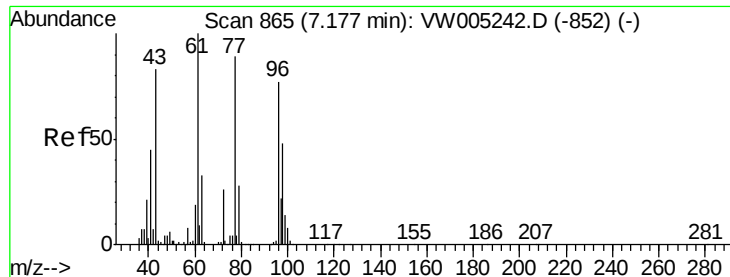
Tgt Ion: 77 Resp: 322323

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

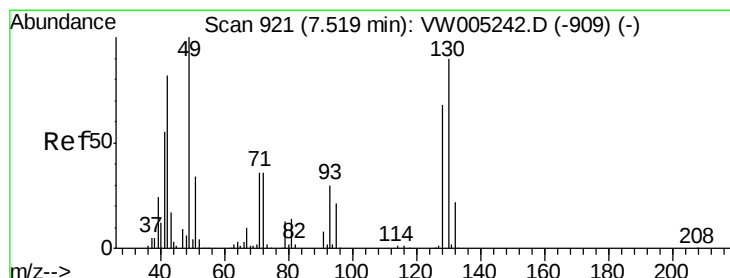
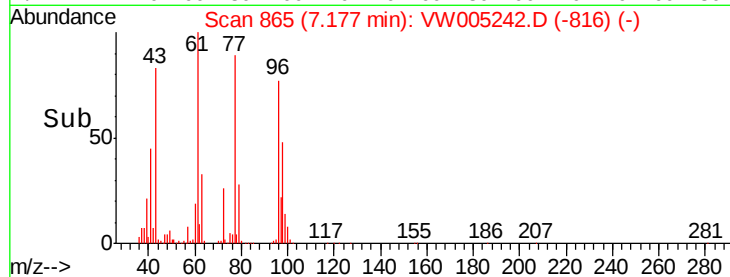
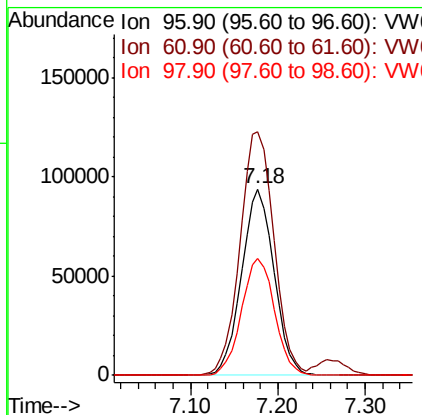
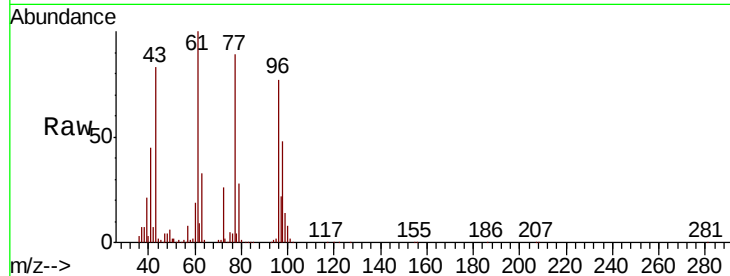
cis-1,2-Dichloroethene
 Concen: 46.13 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	273.4
98	63.9	0.0	127.8

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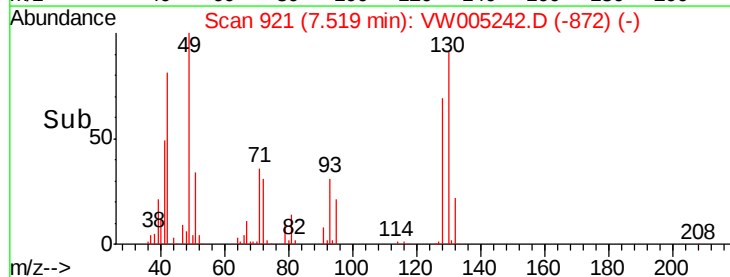
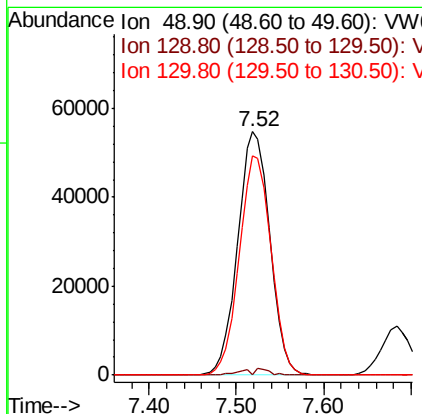
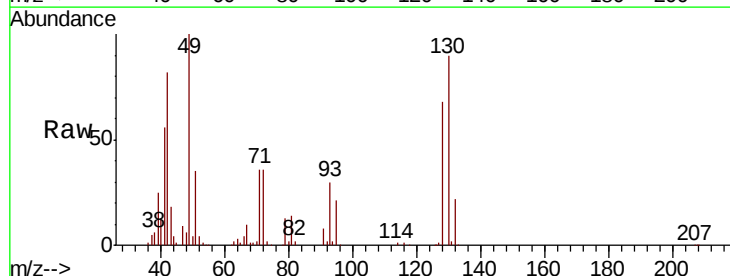
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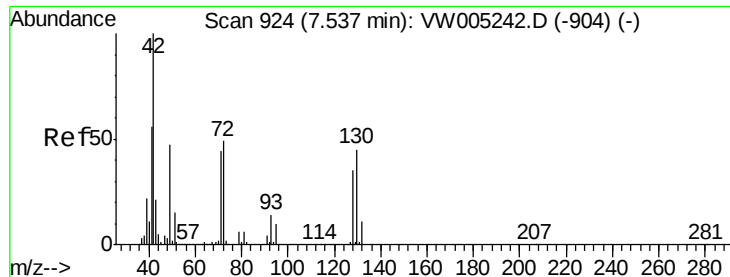


#28

Bromochloromethane
 Concen: 47.45 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.0
130	89.0	71.2	106.8





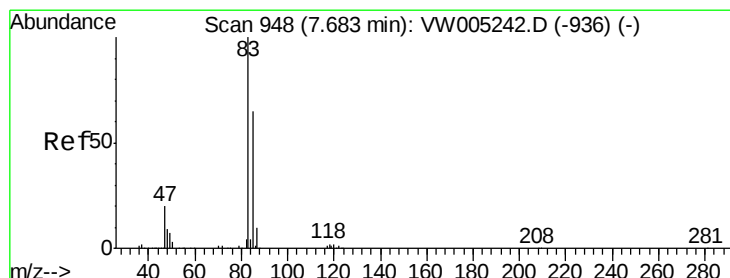
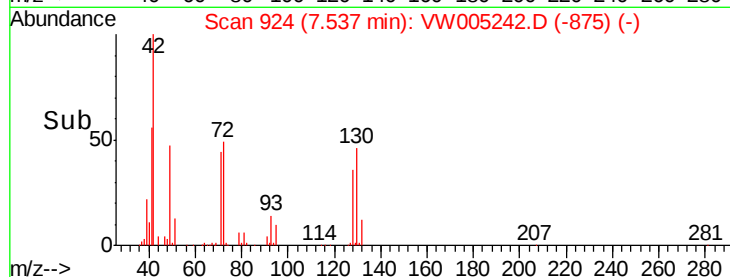
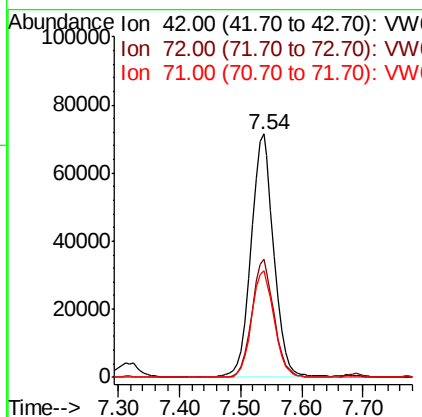
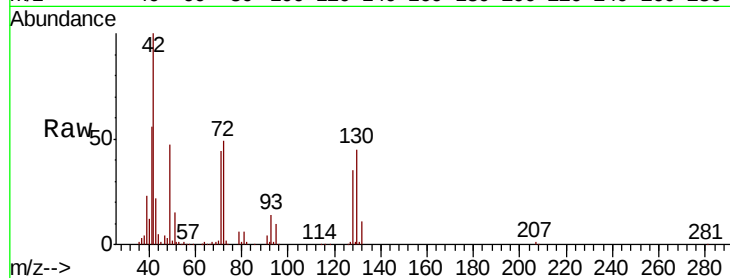
#29
Tetrahydrofuran
Concen: 238.06 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.5	56.3
71	43.5	34.8	52.2

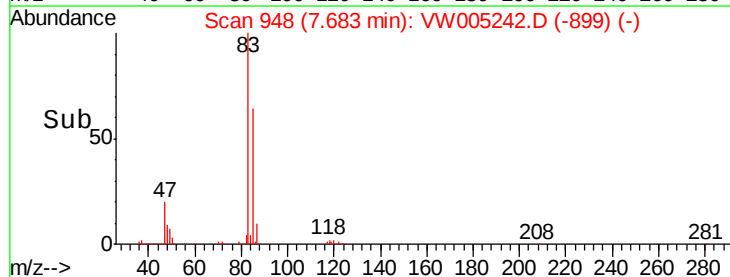
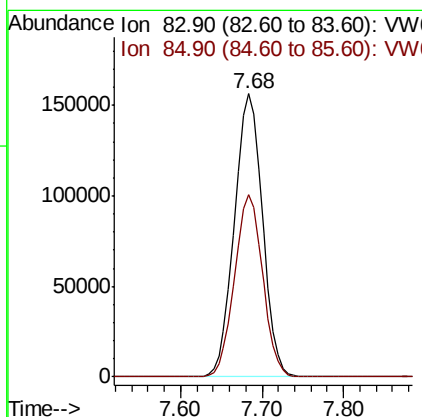
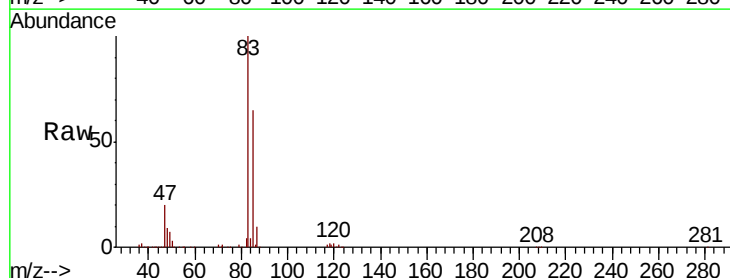
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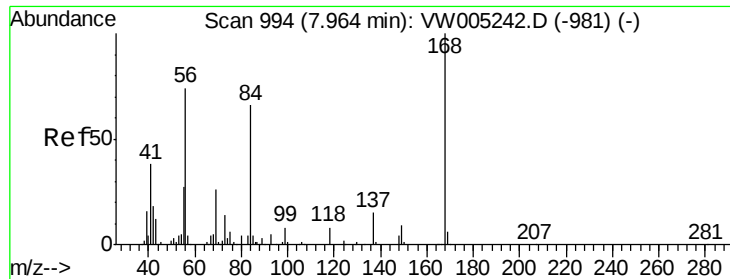
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#30
Chloroform
Concen: 46.43 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.7	77.5





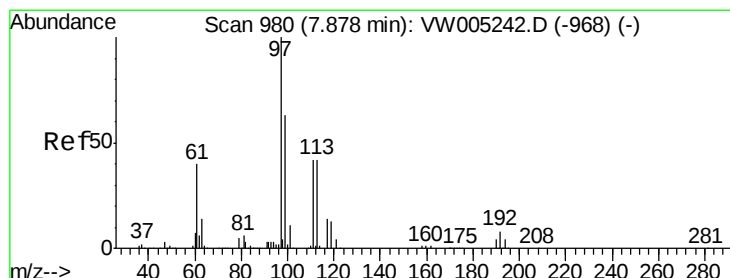
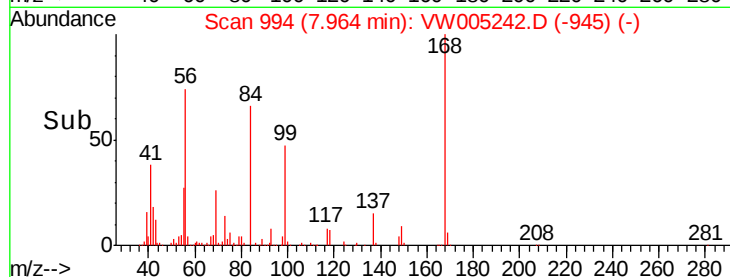
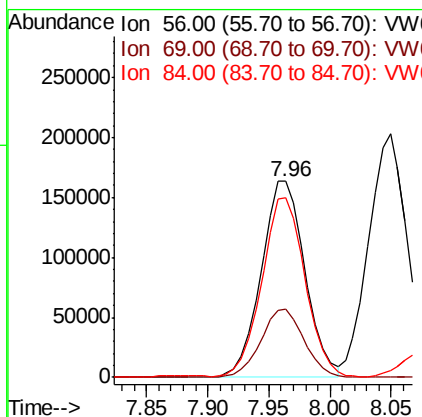
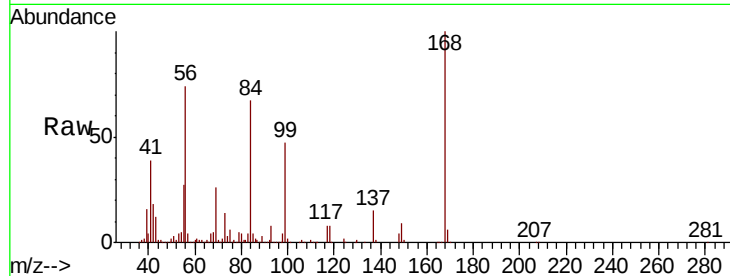
#31
Cyclohexane
Concen: 47.82 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.8	27.8	41.8
84	90.1	72.1	108.1

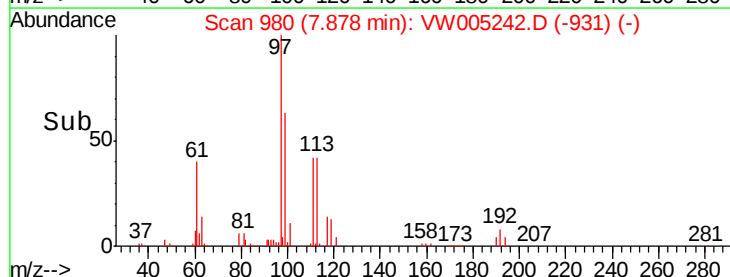
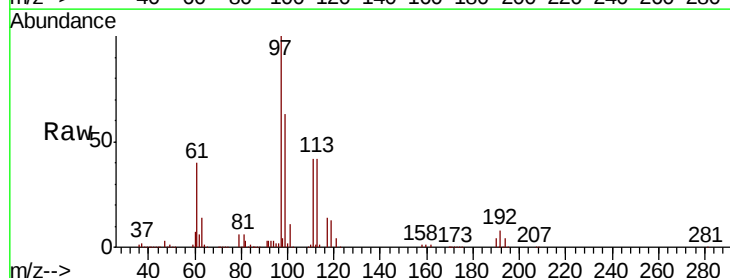
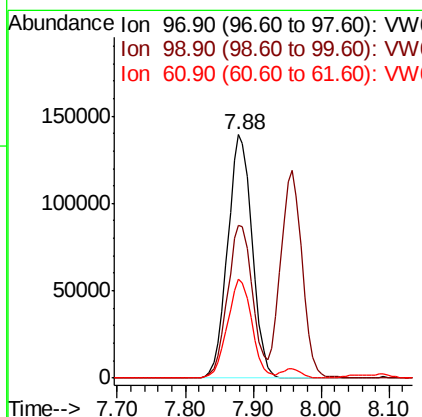
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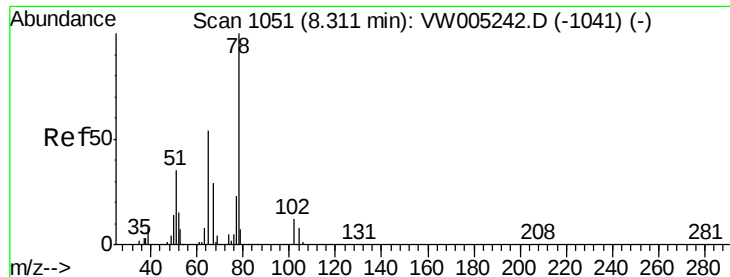
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#32
1,1,1-Trichloroethane
Concen: 47.87 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	40.6	32.5	48.7





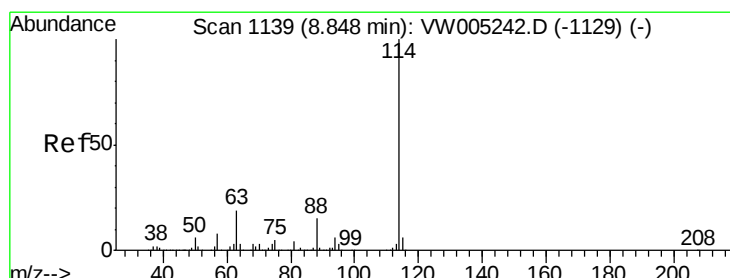
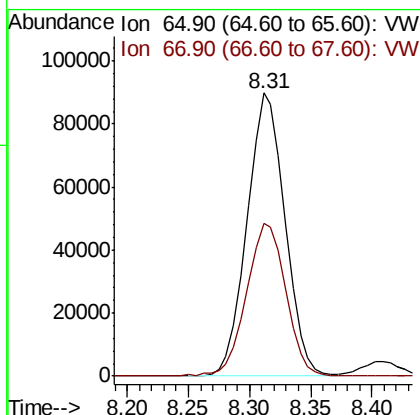
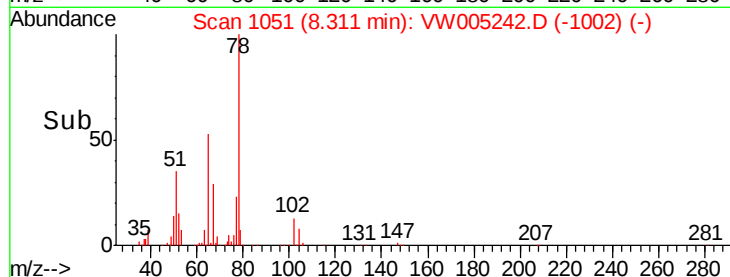
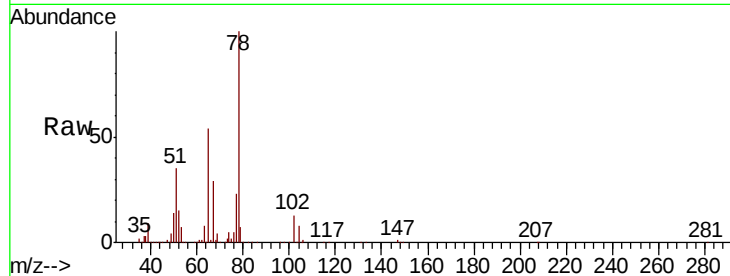
#33
 1,2-Dichloroethane-d4
 Concen: 48.75 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	193896		
67	56.1	0.0	112.2	

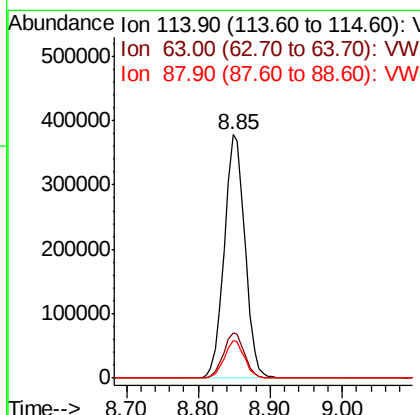
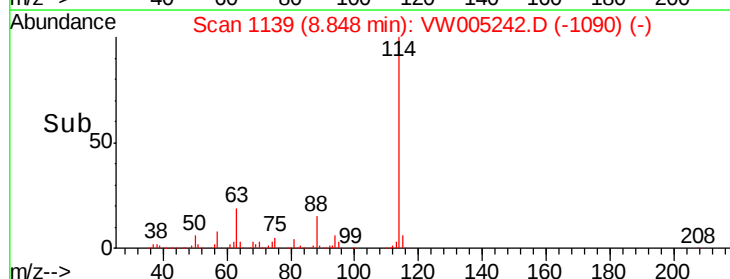
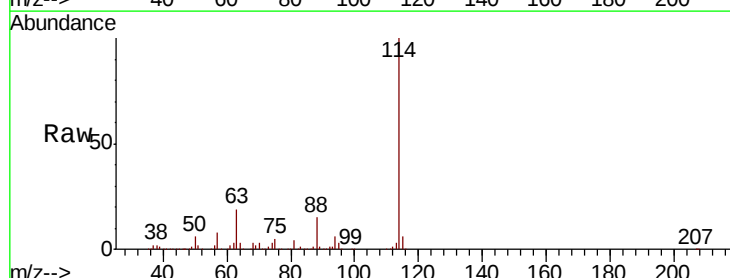
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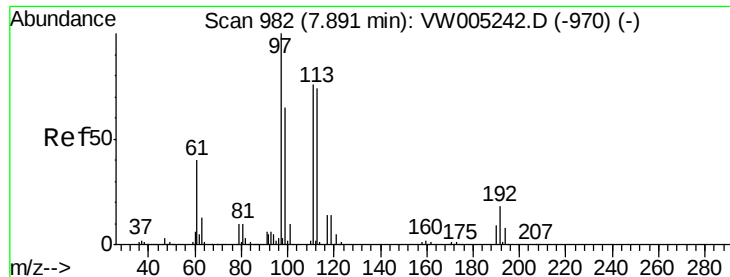
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	757579		
63	18.5	0.0	37.0	
88	15.2	0.0	30.4	





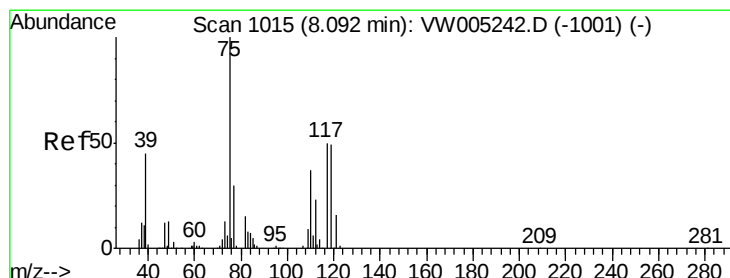
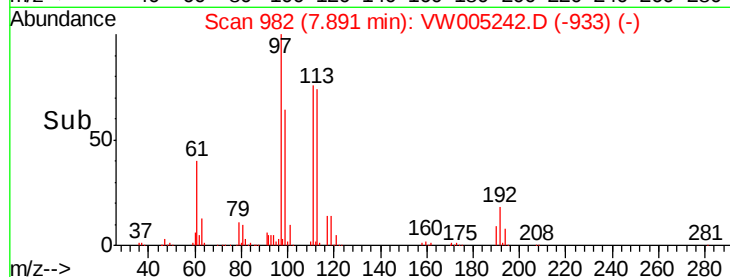
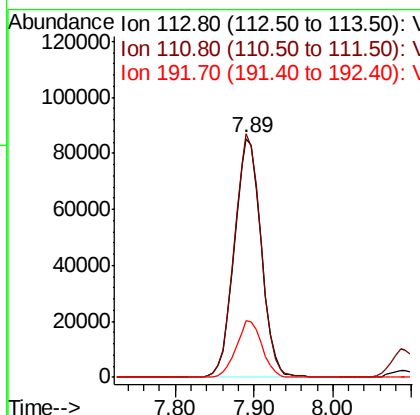
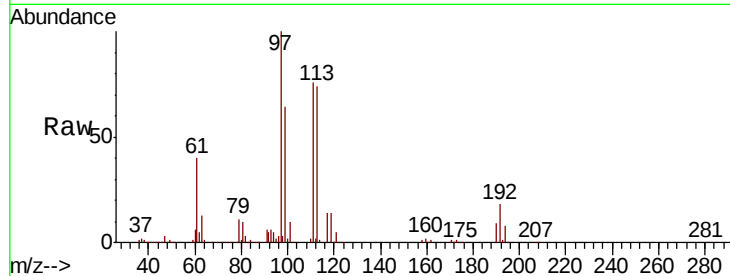
#35
 Dibromofluoromethane
 Concen: 50.75 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	201405		
111	100.8	80.6	121.0	
192	22.9	18.3	27.5	

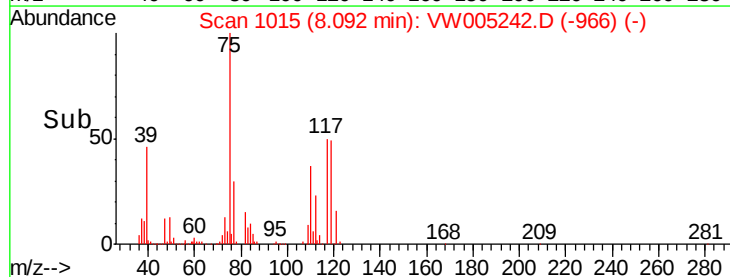
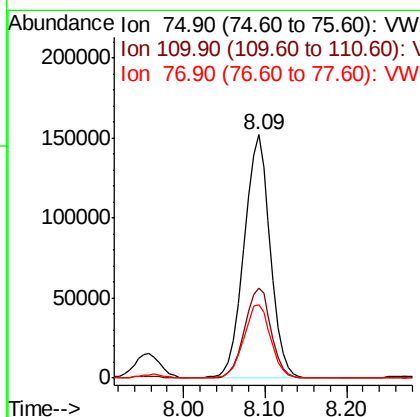
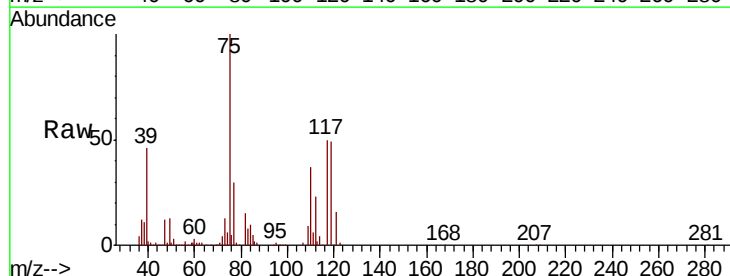
Manual Integrations
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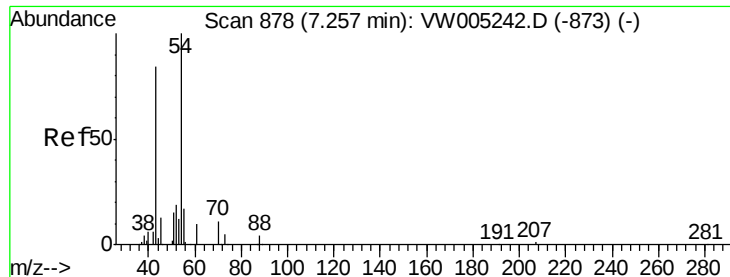
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#36
 1,1-Dichloropropene
 Concen: 48.70 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	338021		
110	37.6	18.8	56.4	
77	31.1	24.9	37.3	





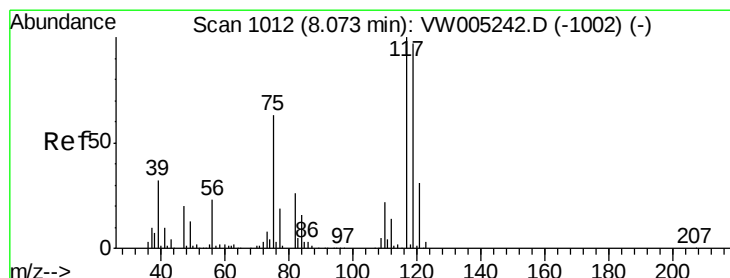
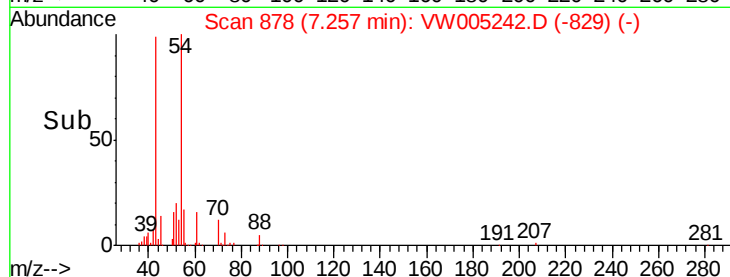
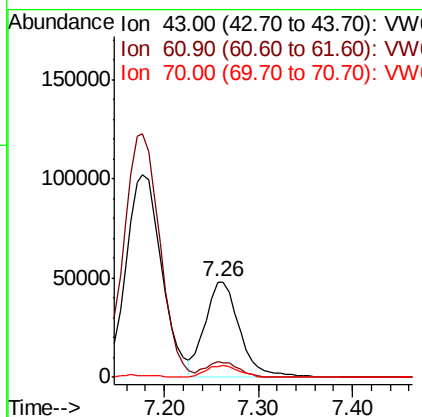
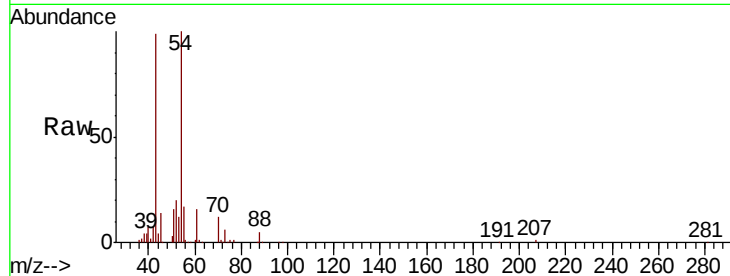
#37
Ethyl Acetate
Concen: 46.08 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	121658
Ion Ratio	Lower	Upper	
43	100		
61	15.4	12.3	18.5
70	11.9	9.5	14.3

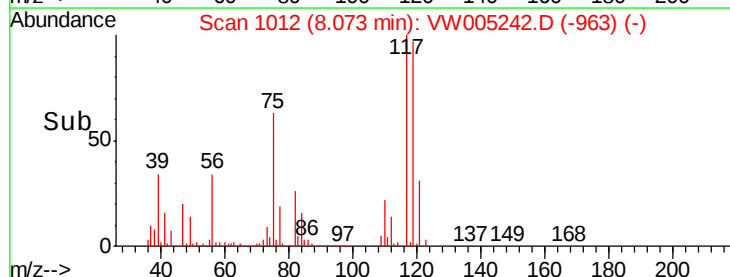
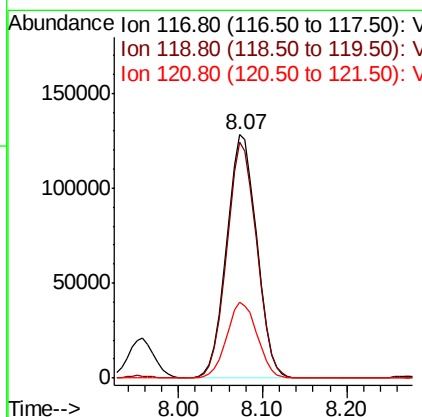
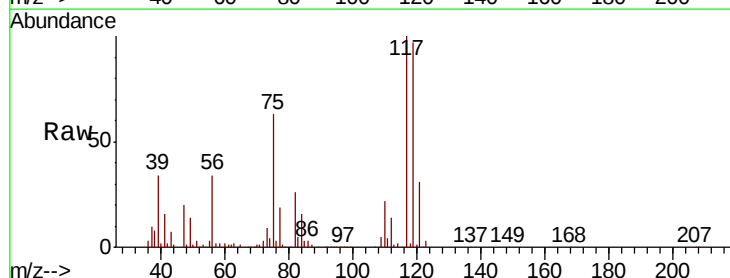
Manual Integrations
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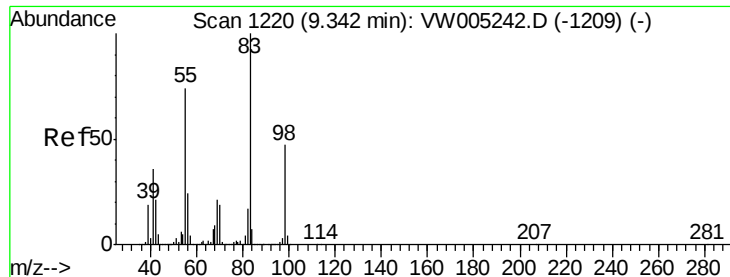
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#38
Carbon Tetrachloride
Concen: 47.94 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	117	Resp	311686
Ion Ratio	Lower	Upper	
117	100		
119	96.9	77.5	116.3
121	30.9	24.7	37.1





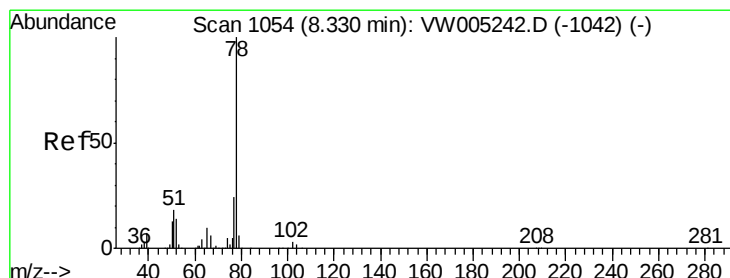
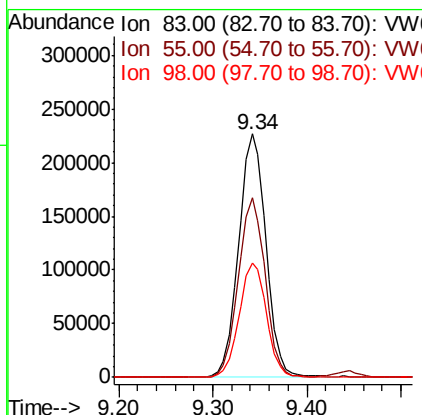
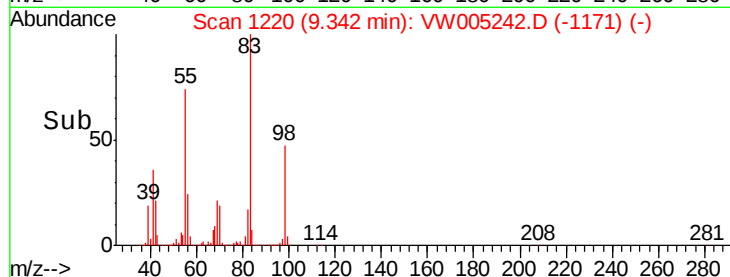
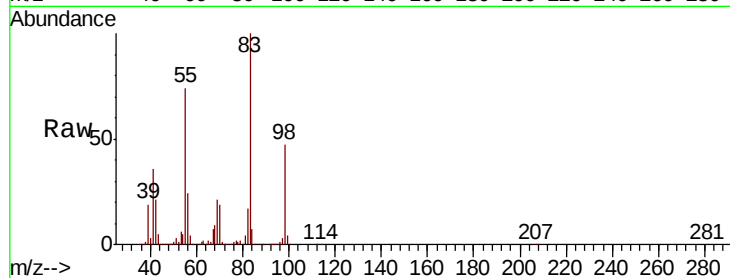
#39
Methvlcvclohexane
Concen: 49.84 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	58.9	88.3
98	47.0	37.6	56.4

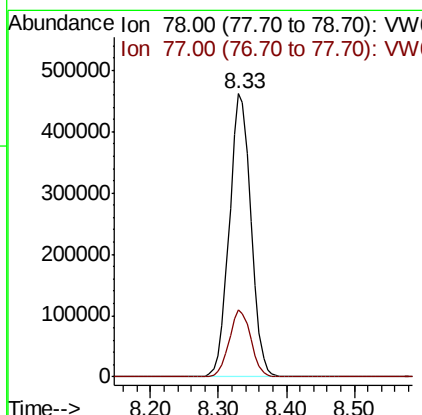
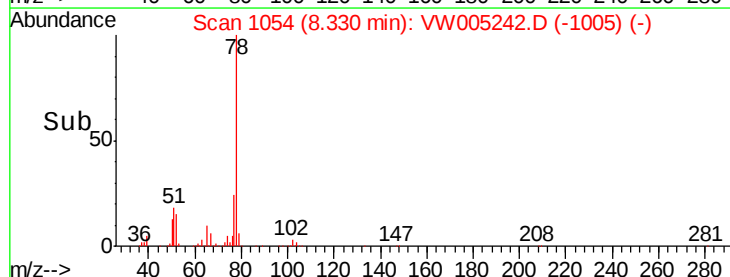
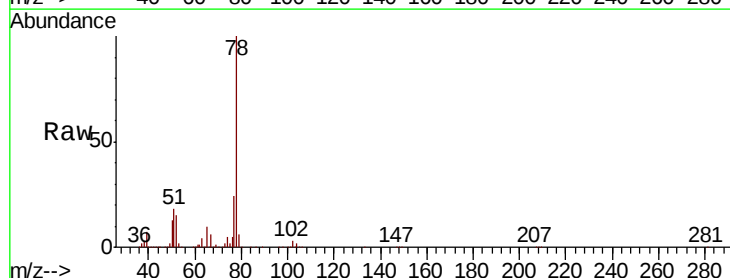
Manual Integrations
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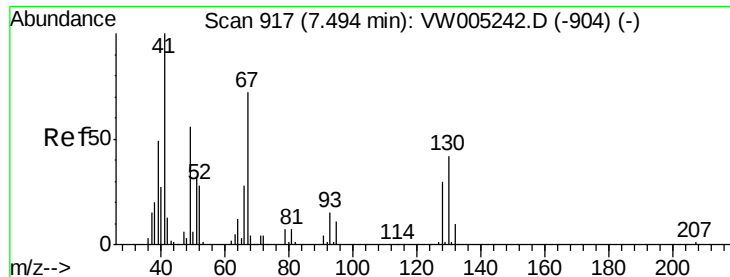
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#40
Benzene
Concen: 49.79 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





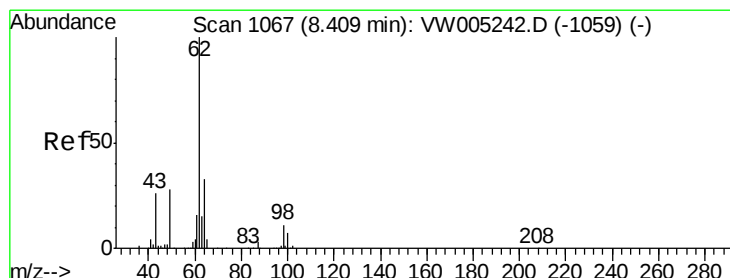
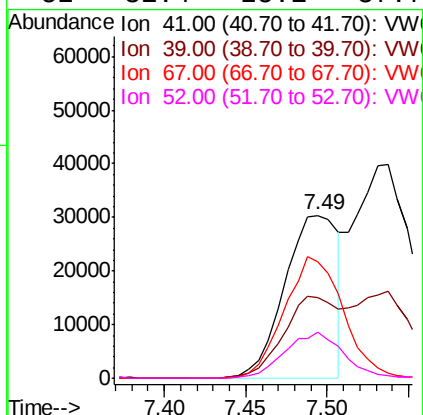
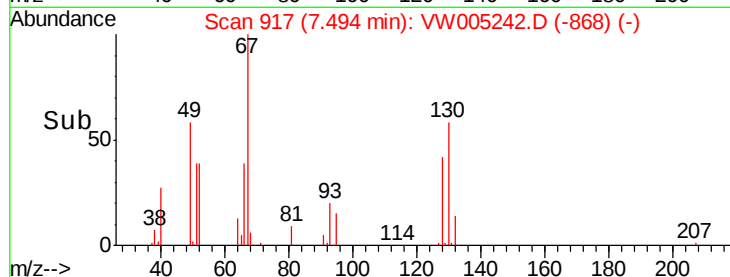
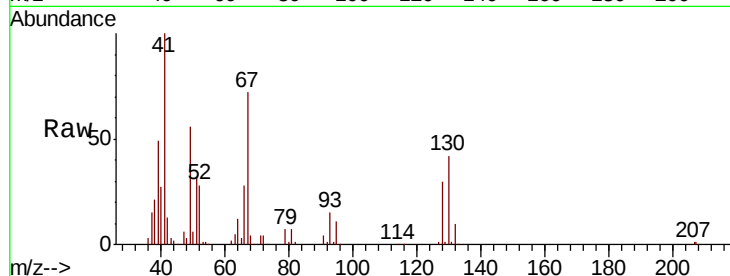
#41
Methacrylonitrile
Concen: 51.17 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	49.9	39.9	59.9
67	82.1	65.7	98.5
52	31.4	25.1	37.7

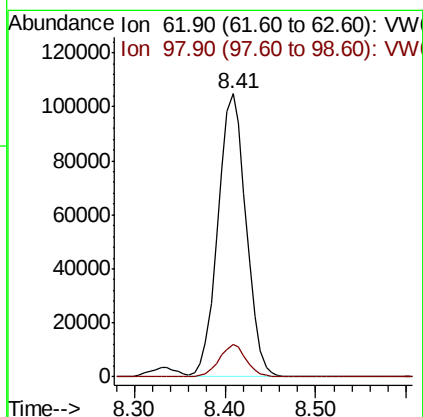
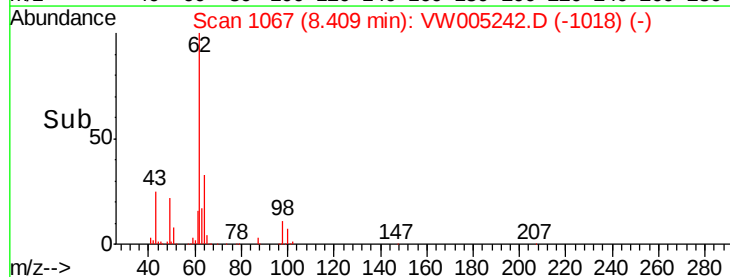
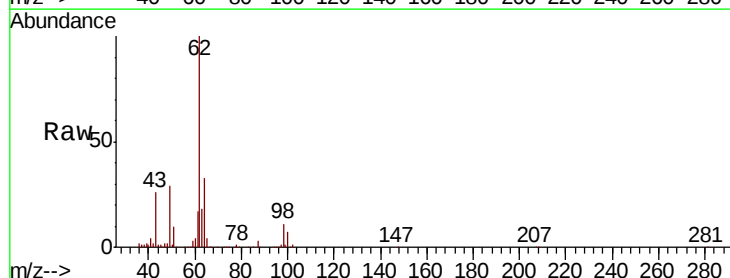
Manual Integrations
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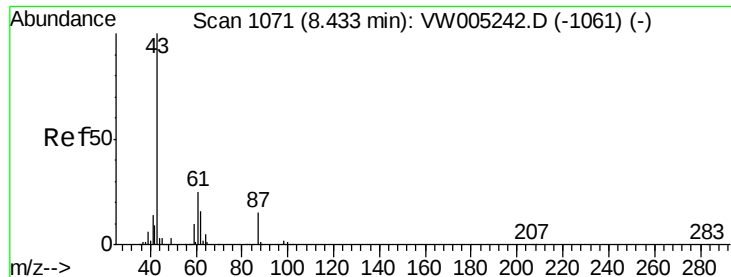
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#42
1,2-Dichloroethane
Concen: 46.43 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





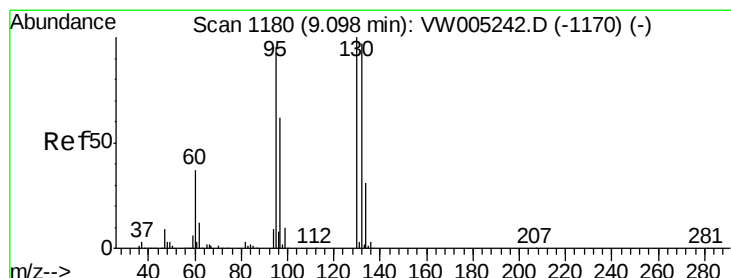
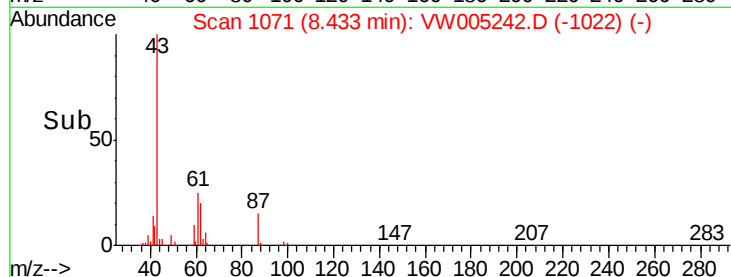
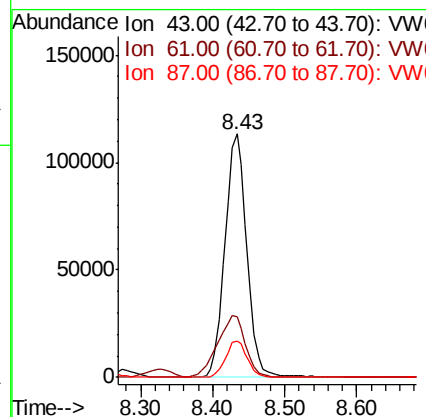
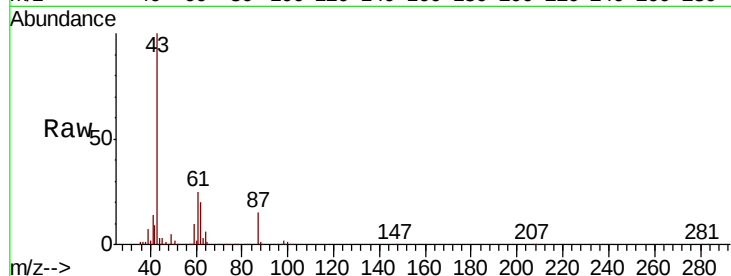
#43
Isopropyl Acetate
Concen: 48.55 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.7	25.4	38.0
87	14.9	11.9	17.9

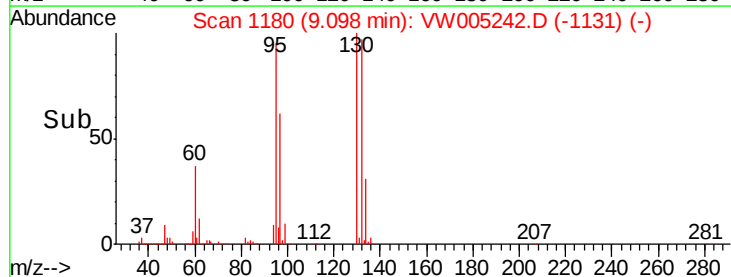
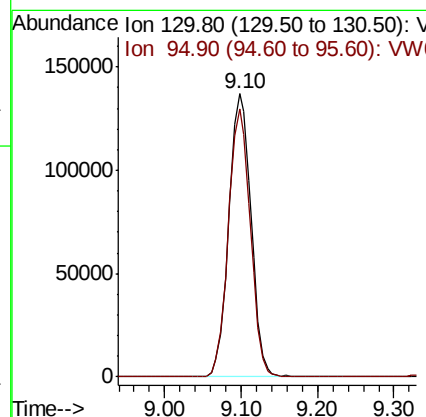
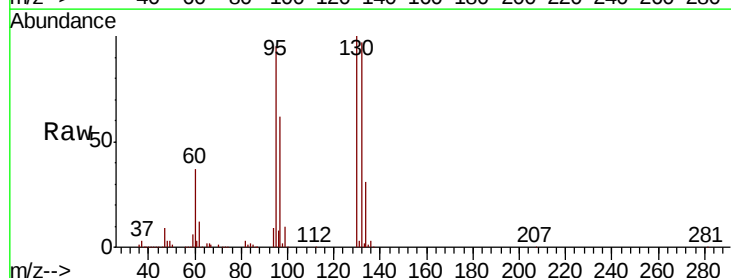
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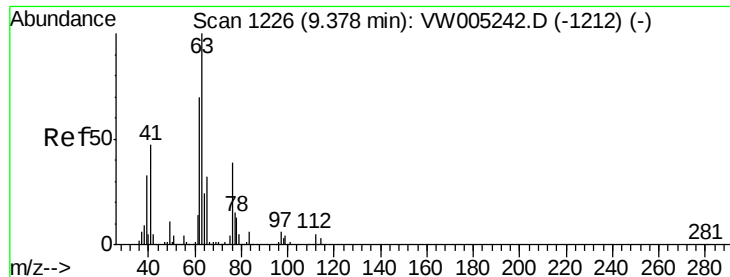
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#44
Trichloroethene
Concen: 49.00 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	189.6





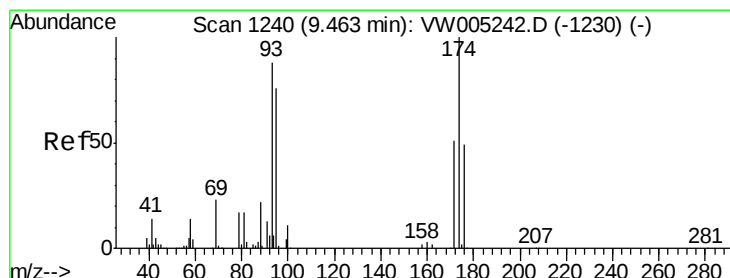
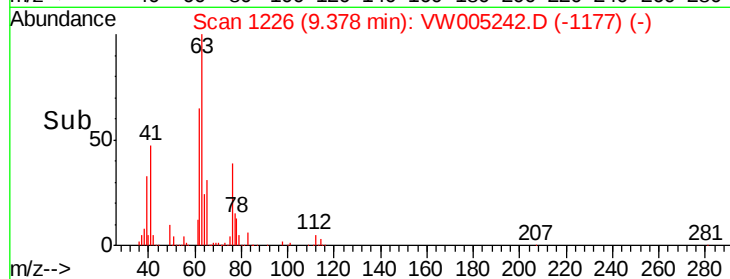
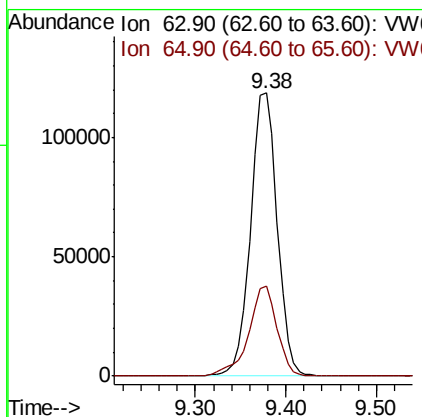
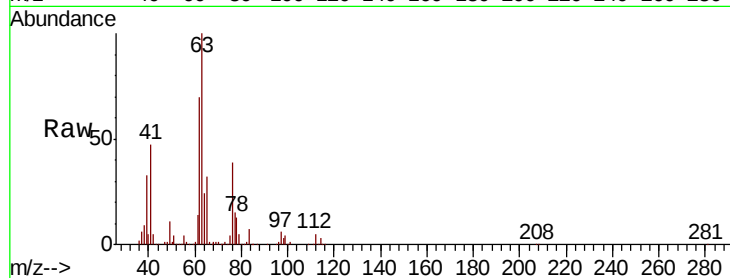
#45
 1,2-Dichloropropane
 Concen: 49.22 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.4	38.2

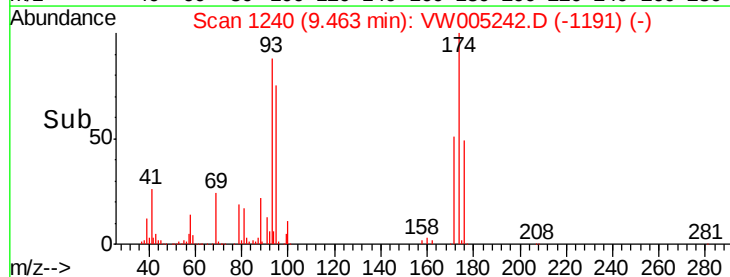
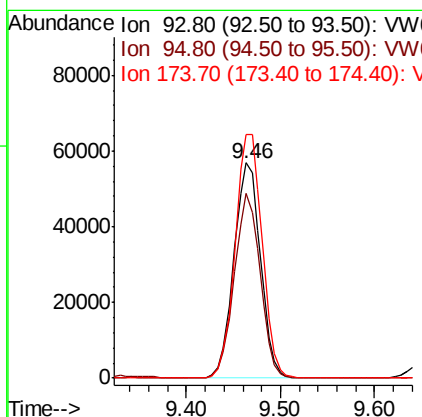
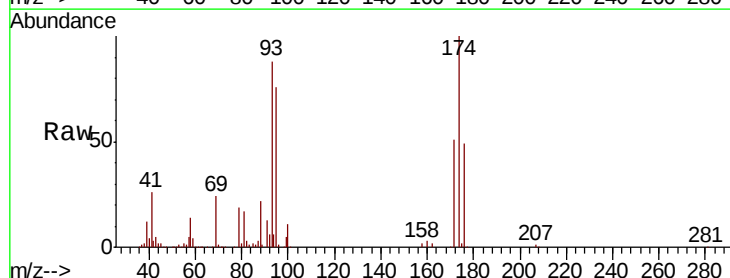
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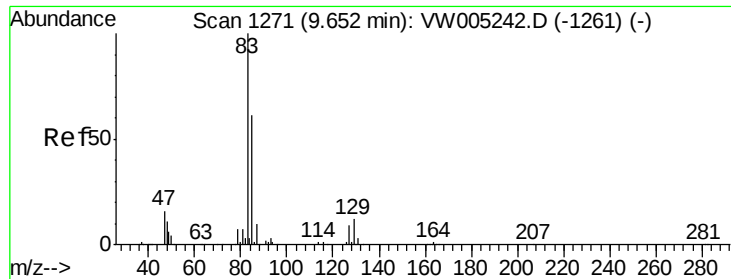
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#46
 Dibromomethane
 Concen: 46.35 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.0	100.4
174	115.2	92.2	138.2





#47

Bromodichloromethane

Concen: 48.25 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

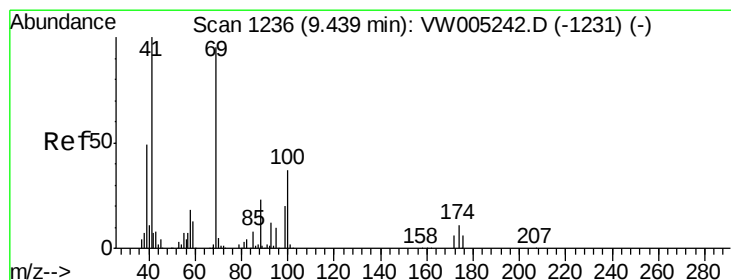
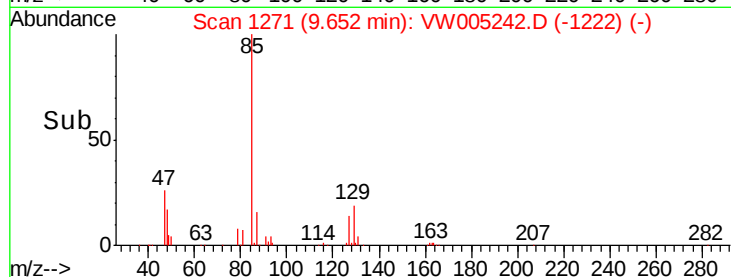
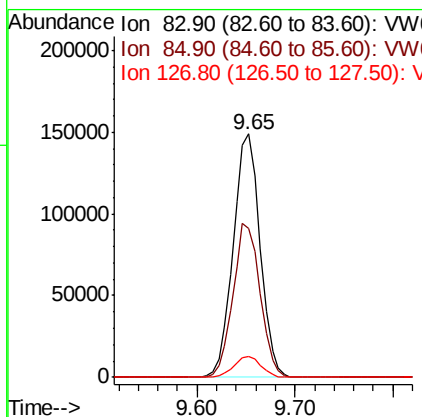
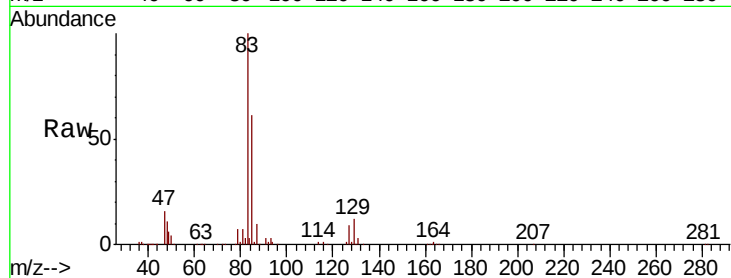
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	283982
Ion Ratio	Lower	Upper	
83	100		
85	61.3	49.0	73.6
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 51.22 ug/l

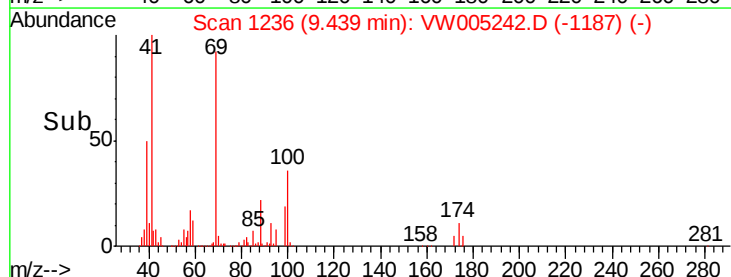
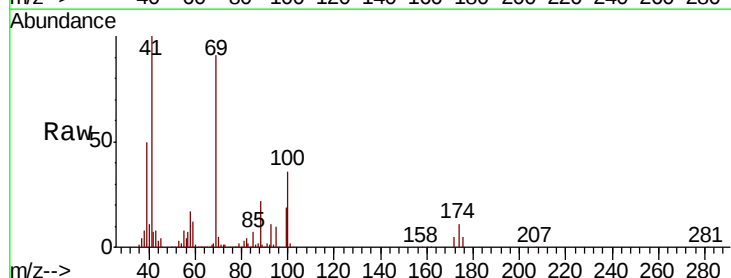
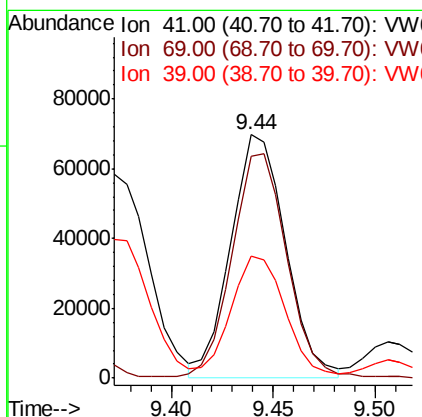
RT: 9.44 min Scan# 1236

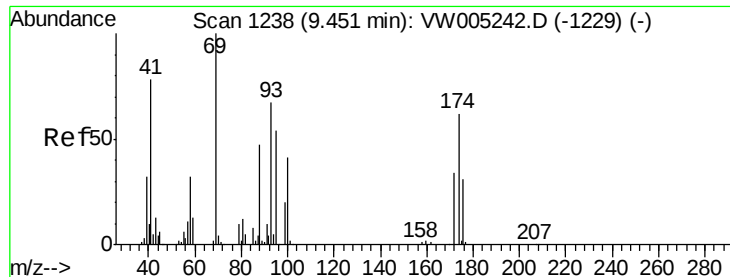
Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion:	41	Resp:	130372
Ion Ratio	Lower	Upper	
41	100		
69	93.3	74.6	112.0
39	45.9	36.7	55.1





#49

1,4-Dioxane

Concen: 1045.16 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

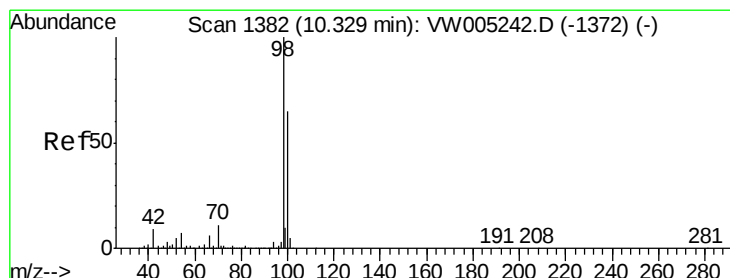
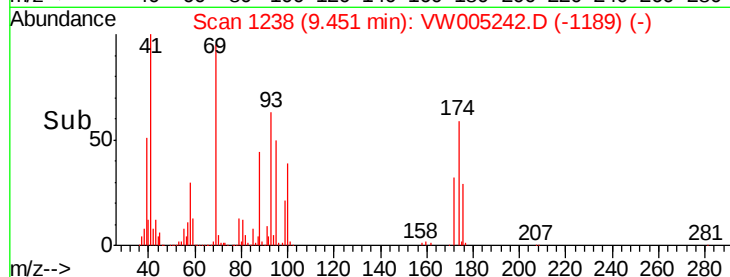
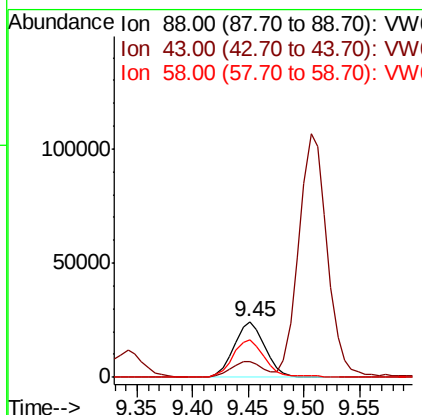
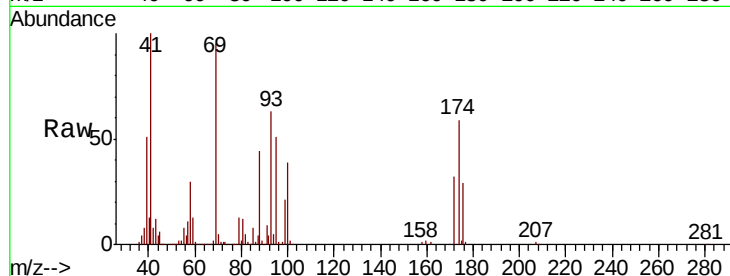
ClientSampled :

VSTDICCC050

Tot Ion:	88	Resp:	46946
Ion	Ratio	Lower	Upper
88	100		
43	28.4	22.7	34.1
58	70.8	56.6	85.0

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#50

Toluene-d8

Concen: 52.40 ug/l

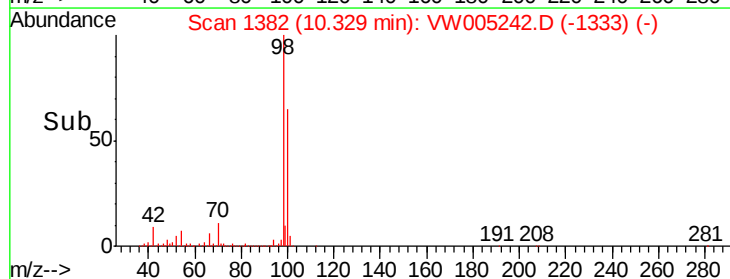
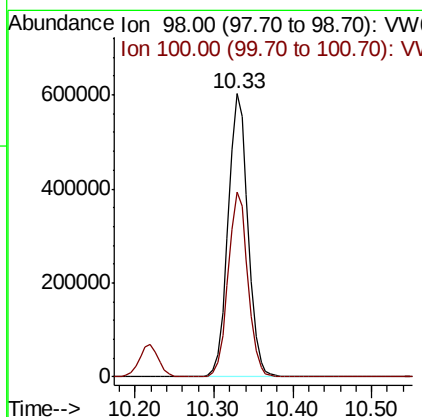
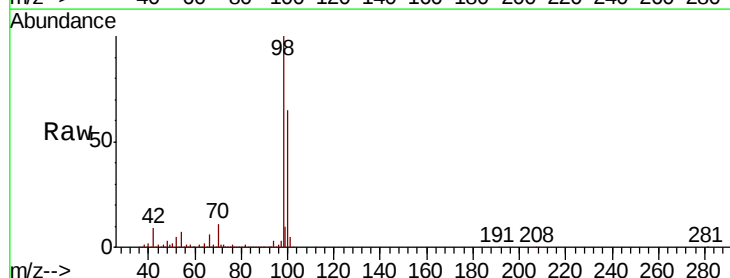
RT: 10.33 min Scan# 1382

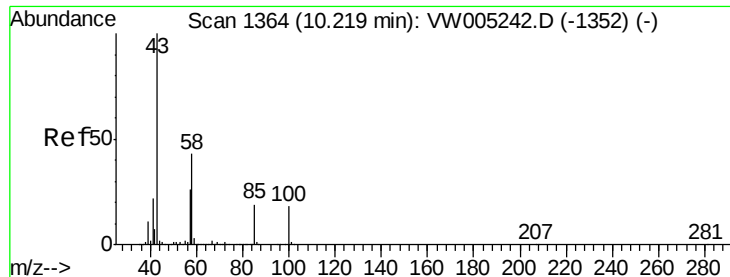
Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion:	98	Resp:	1050696
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 248.67 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 686031

Ion Ratio Lower Upper

43 100

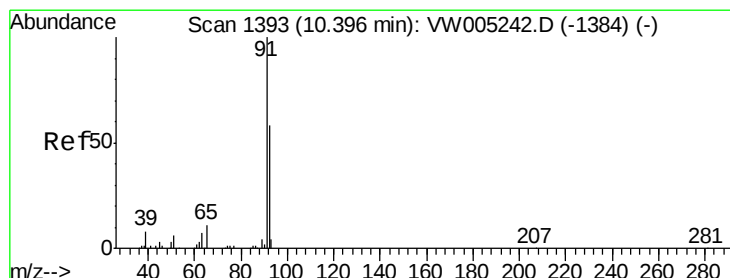
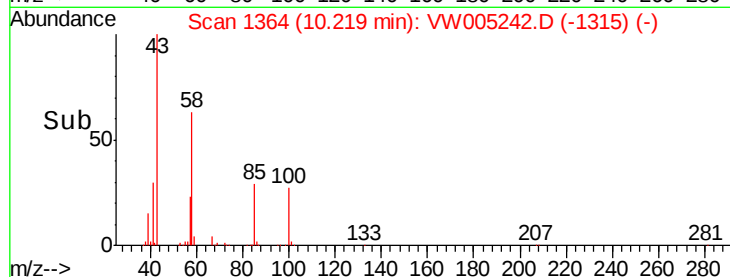
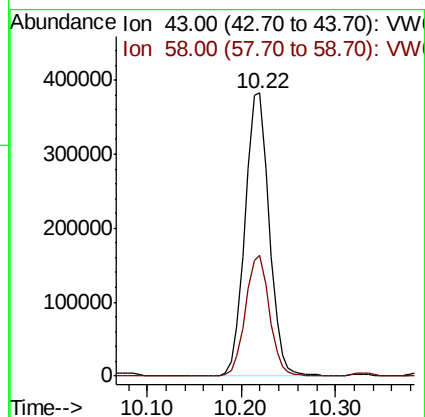
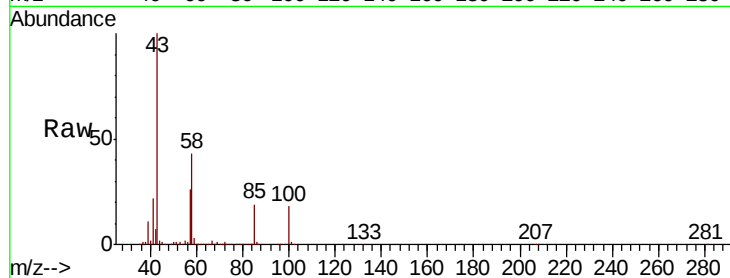
58 42.2 33.8 50.6

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#52

Toluene

Concen: 49.21 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005242.D

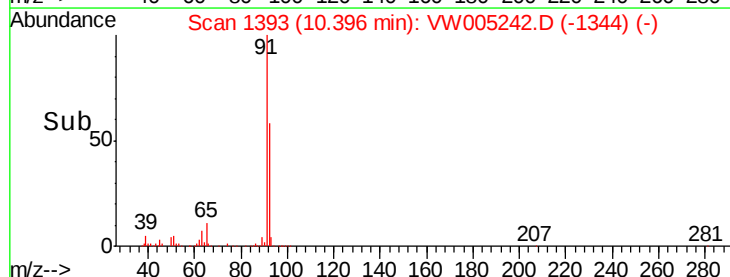
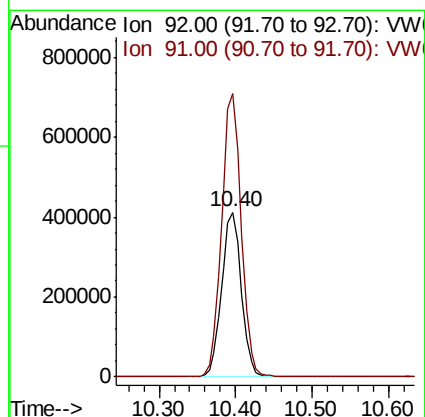
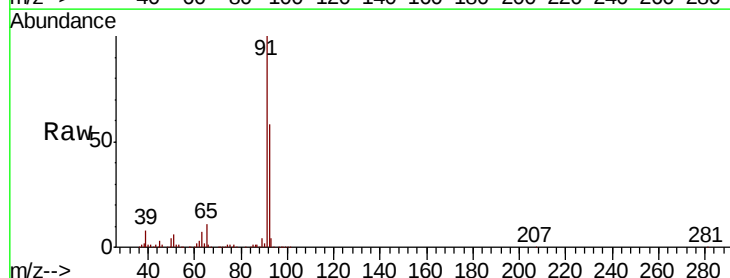
Acq: 10 Sep 2018 15:23

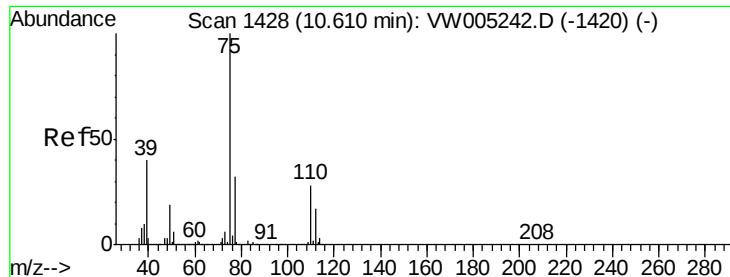
Tgt Ion: 92 Resp: 731316

Ion Ratio Lower Upper

92 100

91 171.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 48.87 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 310818

Ion Ratio Lower Upper

75 100

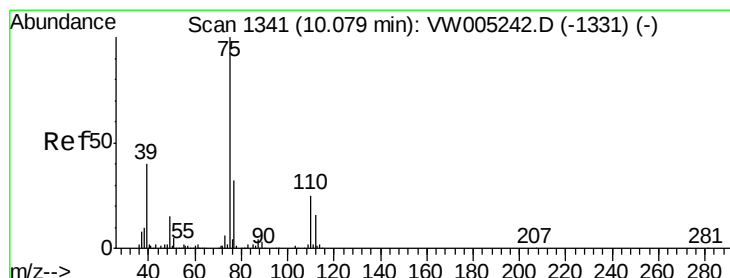
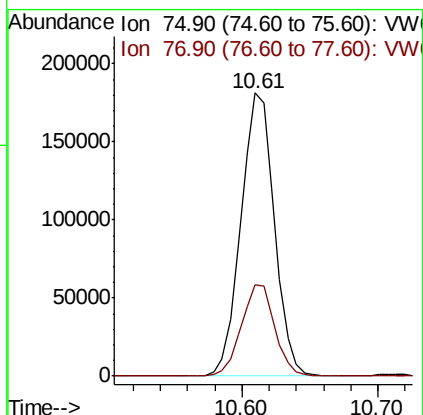
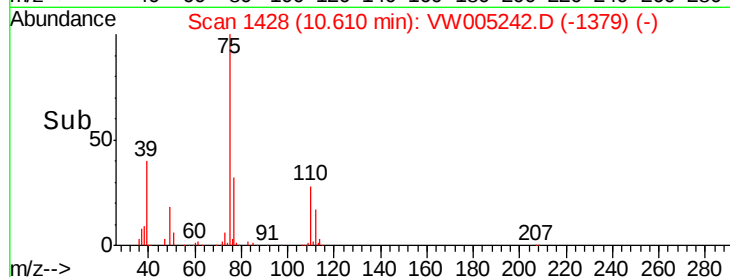
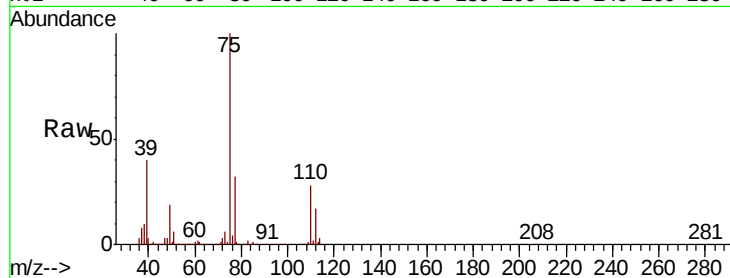
77 32.3 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 48.82 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

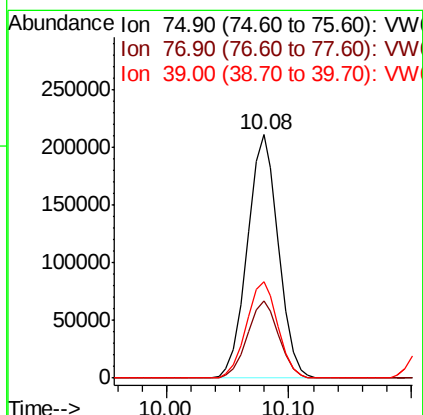
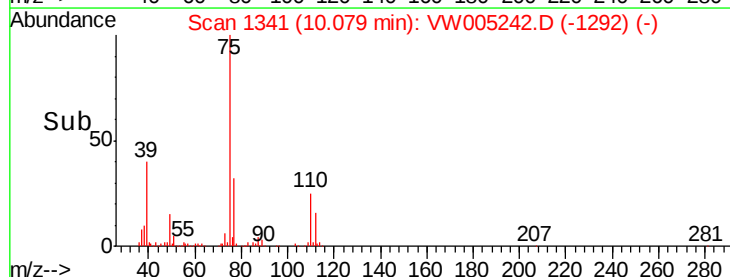
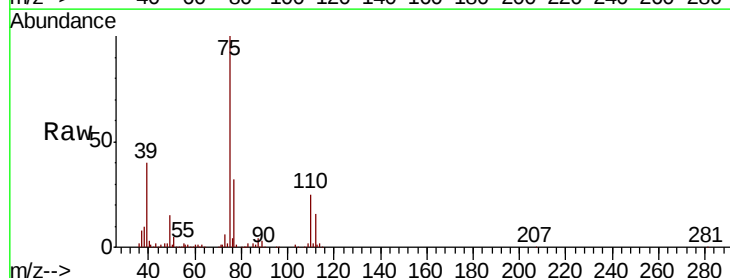
Tgt Ion: 75 Resp: 371827

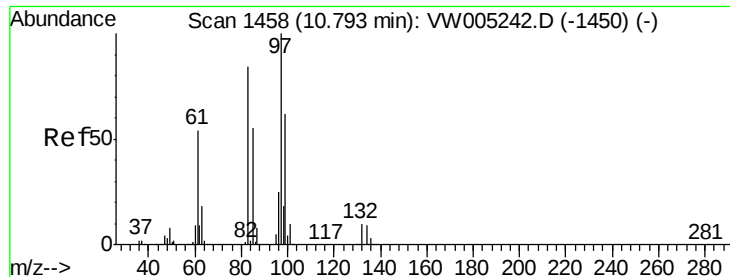
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 39.7 31.8 47.6





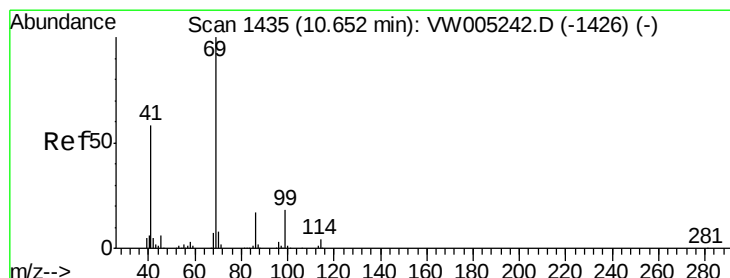
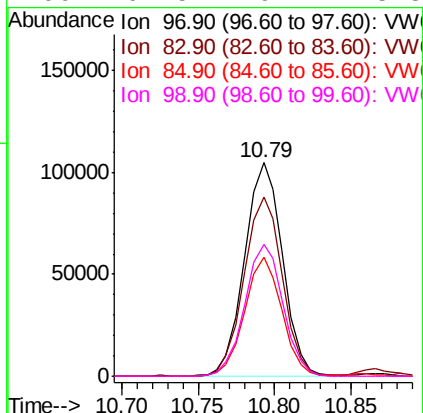
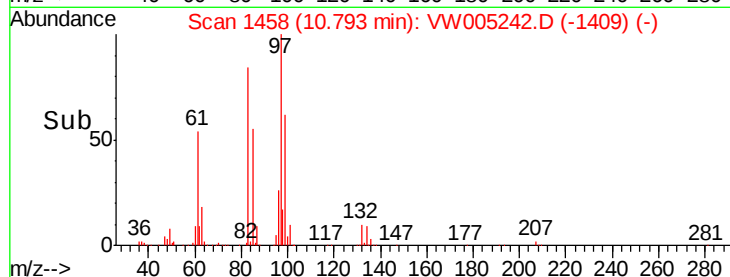
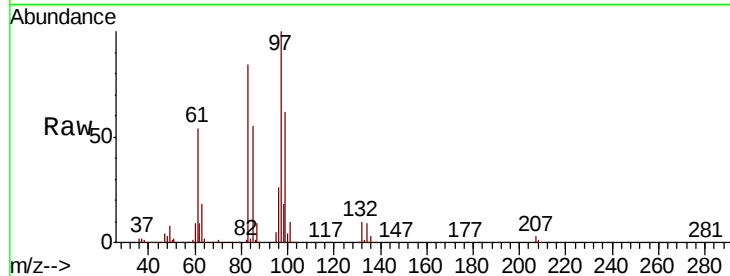
#55
 1,1,2-Trichloroethane
 Concen: 47.32 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	181522
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.2	100.8
85	55.5	44.4	66.6
99	61.5	49.2	73.8

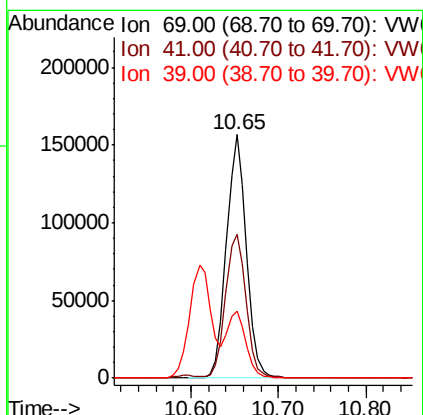
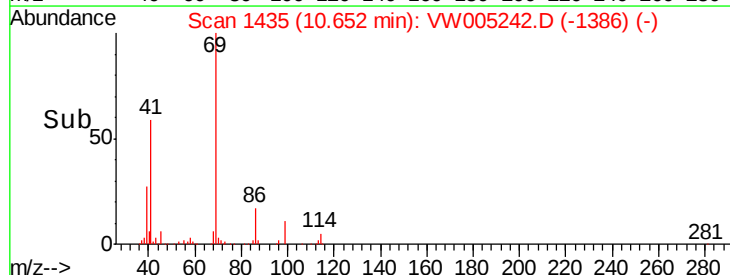
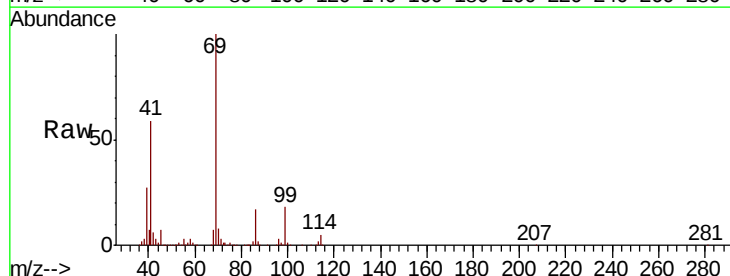
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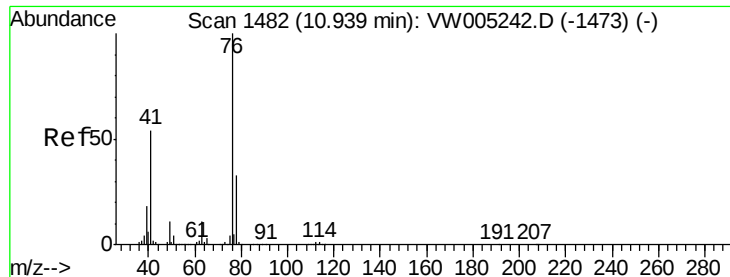
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#56
 Ethyl methacrylate
 Concen: 50.77 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion:	69	Resp:	246891
Ion	Ratio	Lower	Upper
69	100		
41	60.9	48.7	73.1
39	26.1	20.9	31.3





#57

1,3-Dichloropropane

Concen: 47.84 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 304734

Ion Ratio Lower Upper

76 100

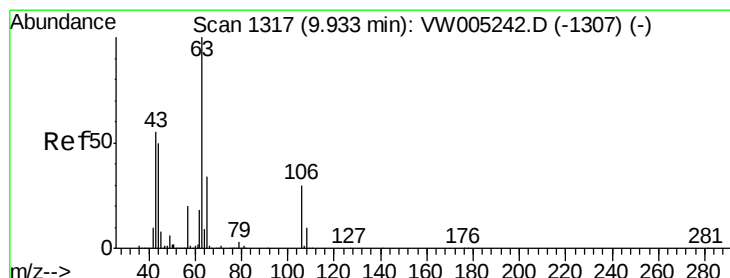
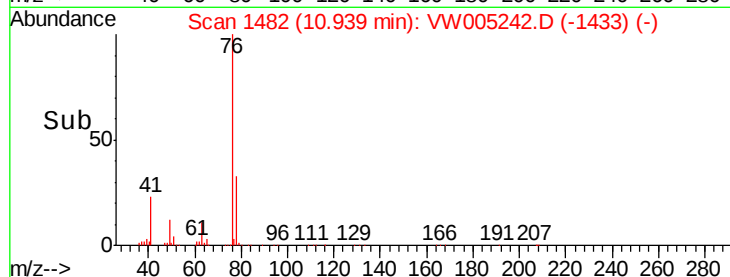
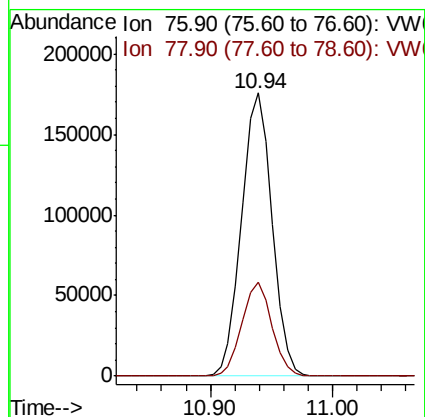
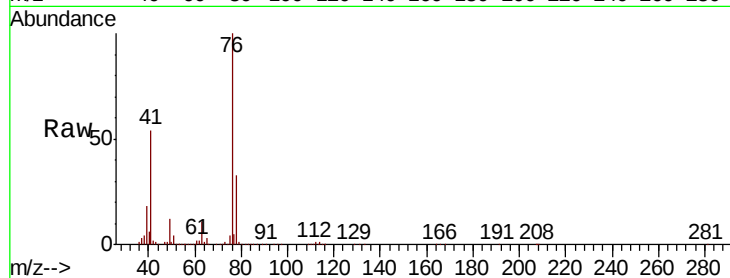
78 32.5 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 242.79 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005242.D

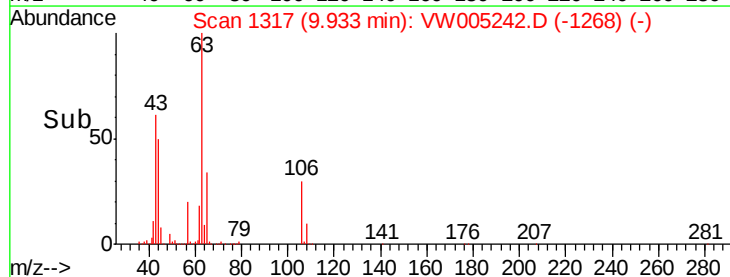
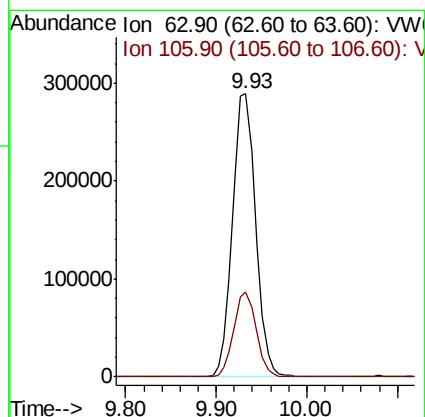
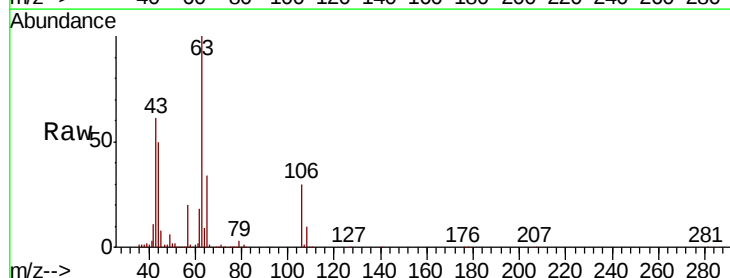
Acq: 10 Sep 2018 15:23

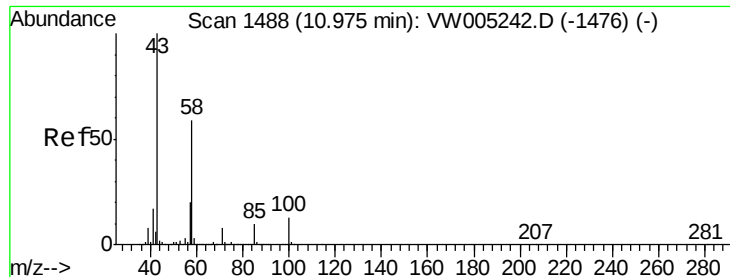
Tgt Ion: 63 Resp: 513191

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0





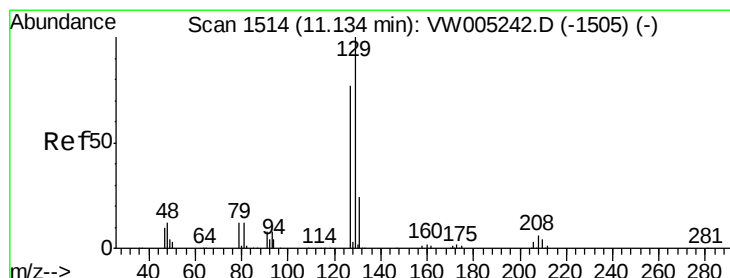
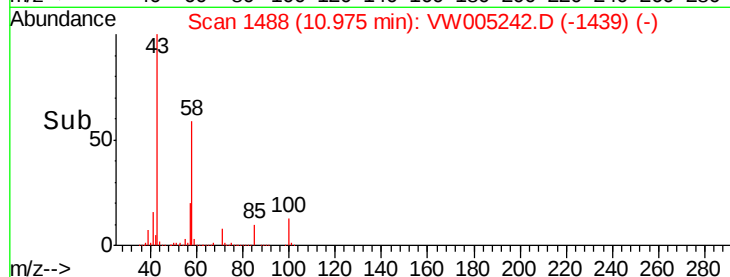
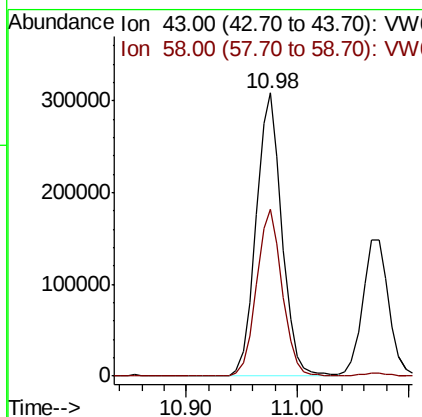
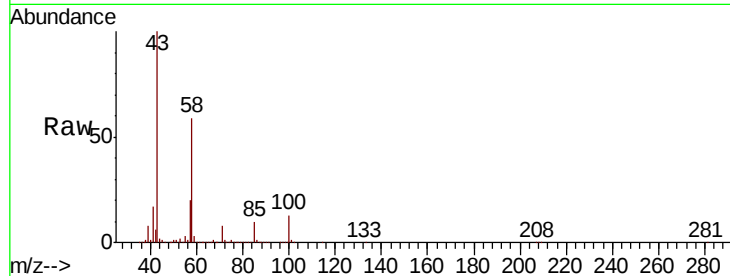
#59
2-Hexanone
Concen: 250.09 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.6	29.3	87.9

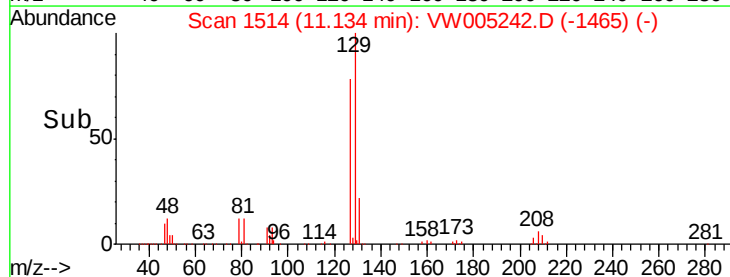
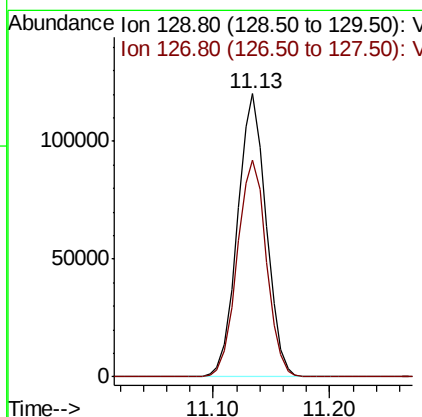
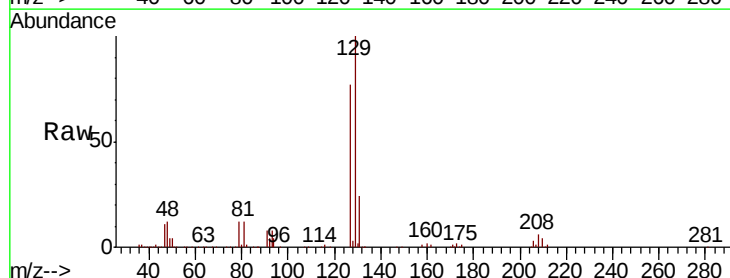
Manual Integrations
APPROVED

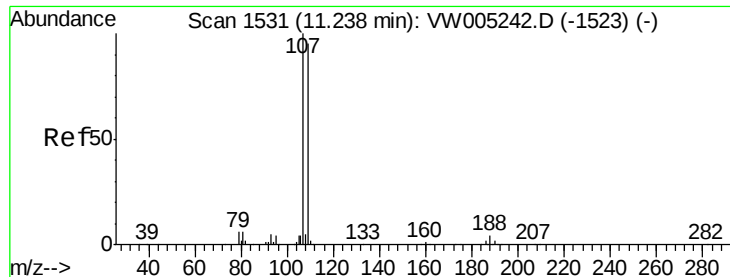
apatel
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#60
Dibromochloromethane
Concen: 48.45 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.0	117.0





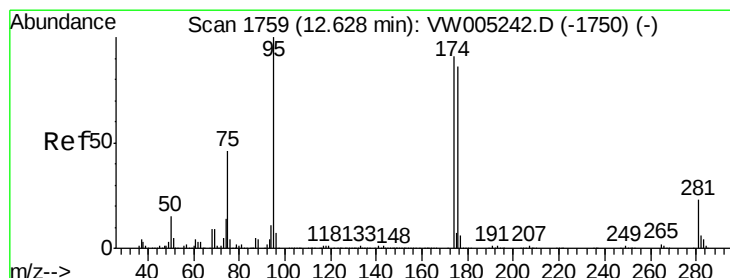
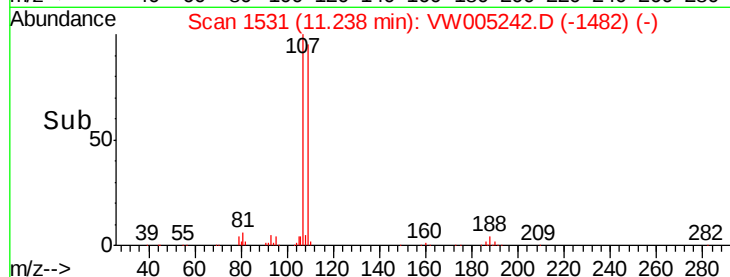
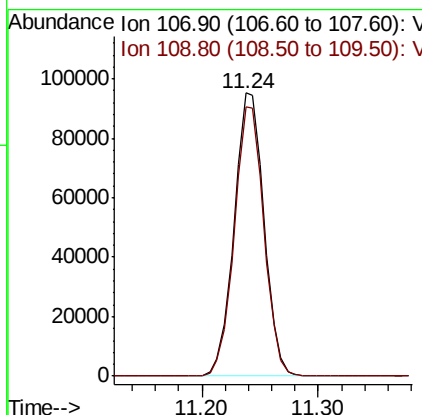
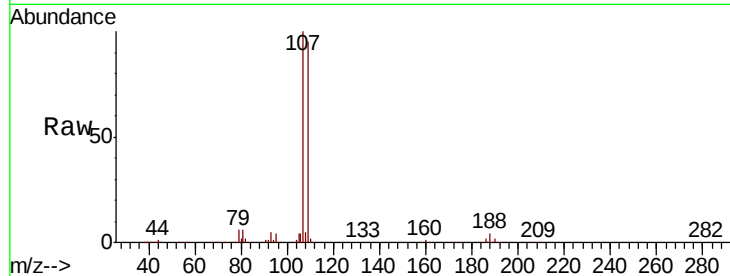
#61
 1,2-Dibromoethane
 Concen: 48.19 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.7	113.5

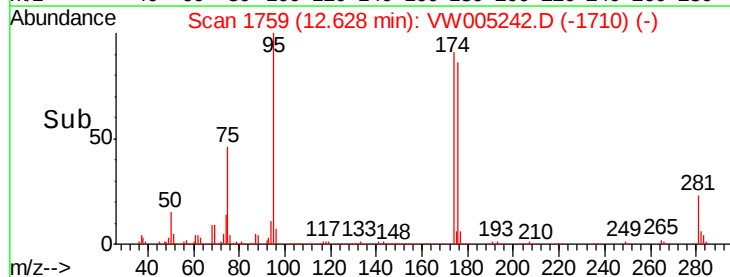
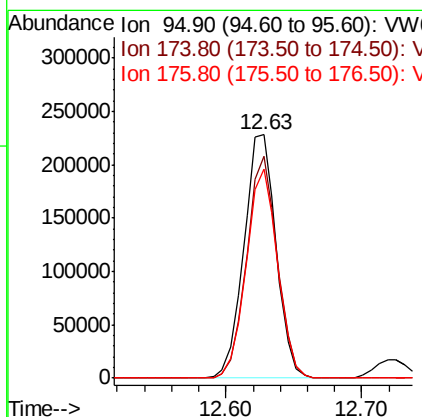
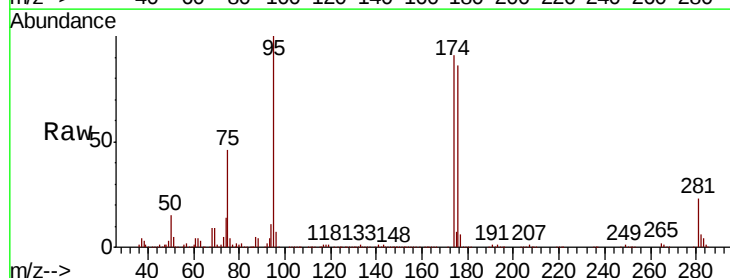
Manual Integrations
 APPROVED

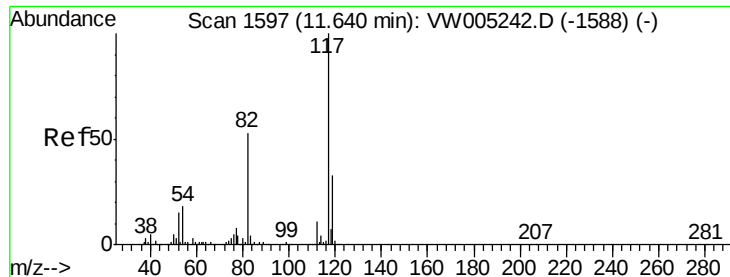
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.24 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	174.6
176	83.8	0.0	167.6





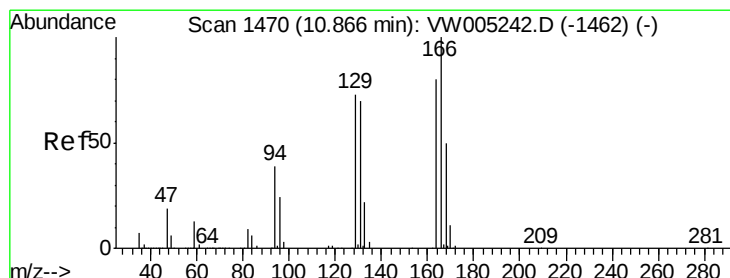
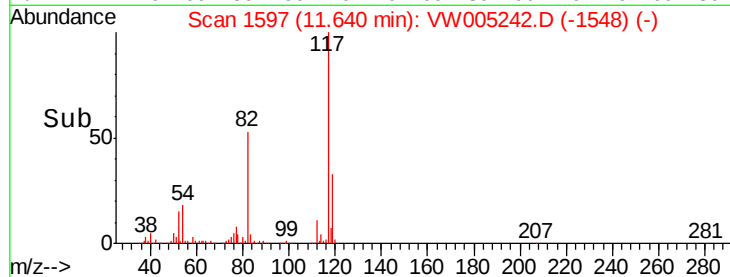
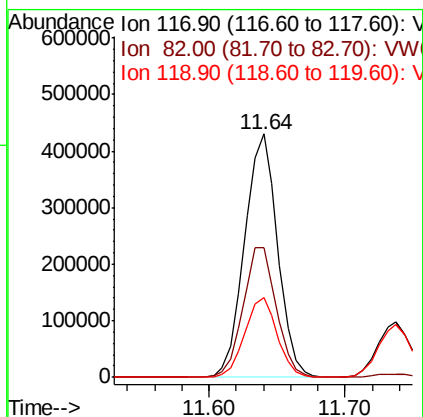
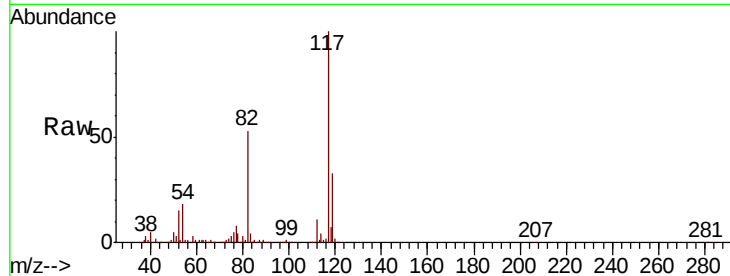
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	731690		
82	53.2		42.6	63.8
119	32.8		26.2	39.4

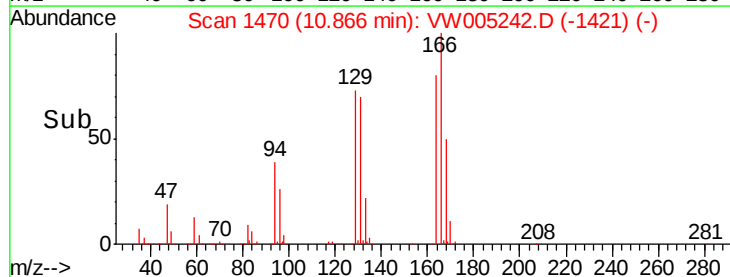
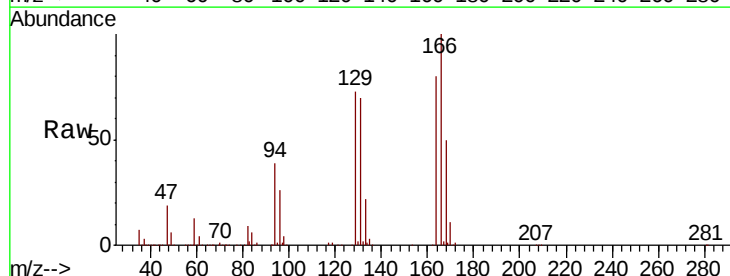
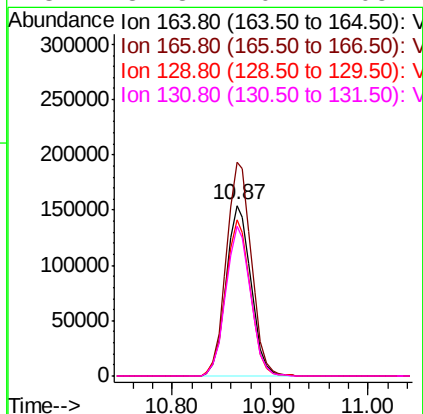
Manual Integrations
APPROVED

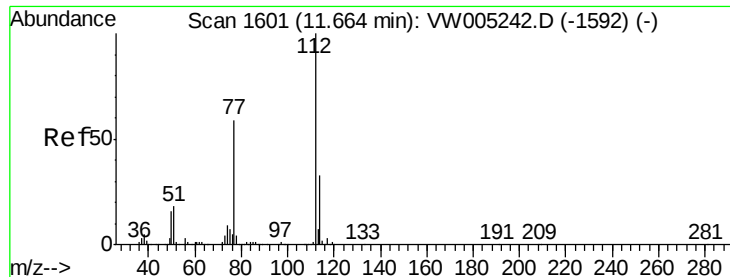
apatel
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#64
Tetrachloroethene
Concen: 49.85 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	270595		
166	125.2		100.2	150.2
129	91.5		73.2	109.8
131	87.8		70.2	105.4





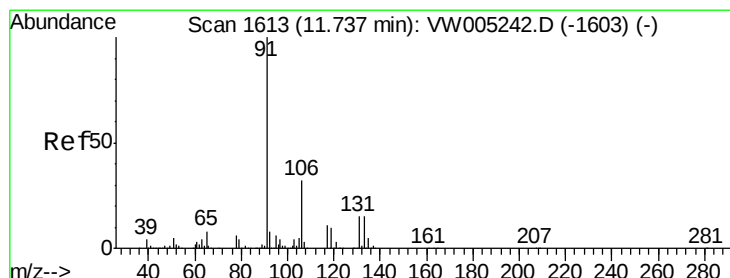
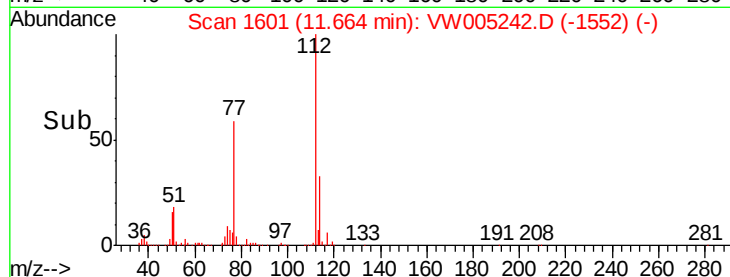
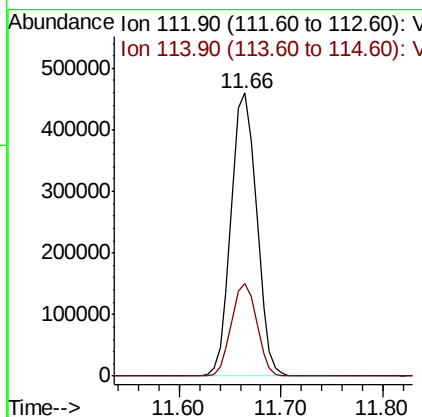
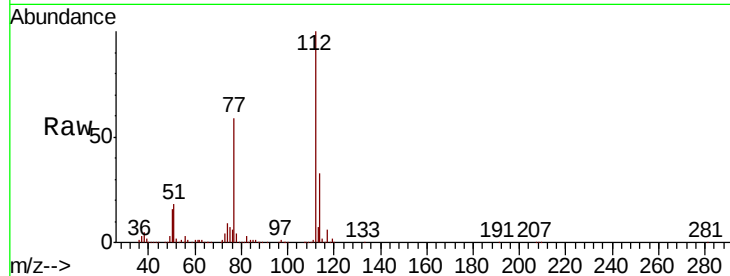
#65
Chlorobenzene
Concen: 49.71 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.2	39.4

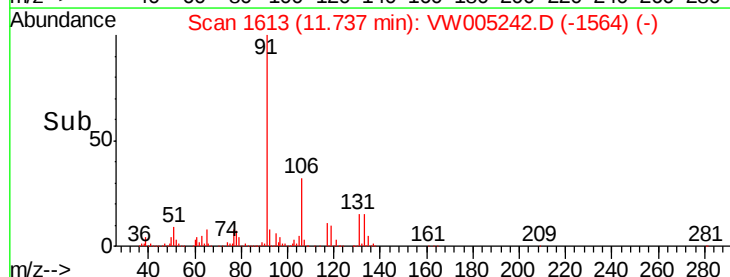
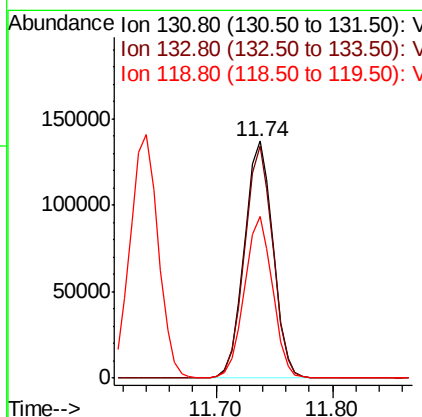
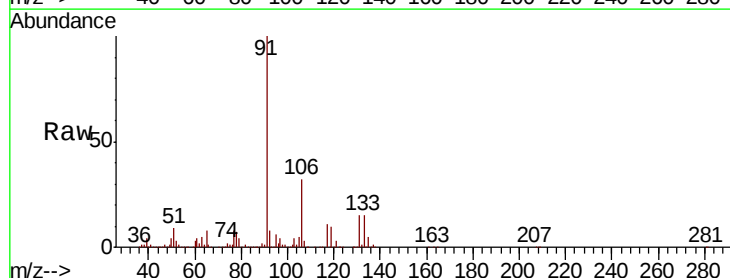
Manual Integrations
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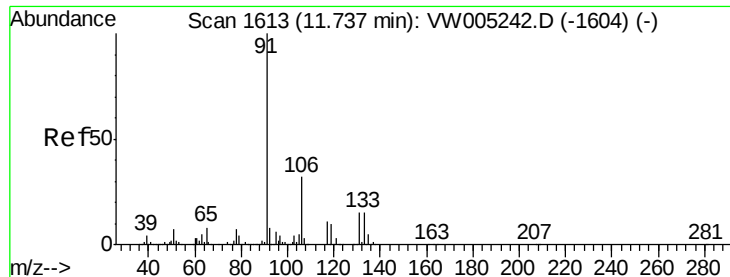
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.56 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.1	144.3
119	66.7	33.4	100.1





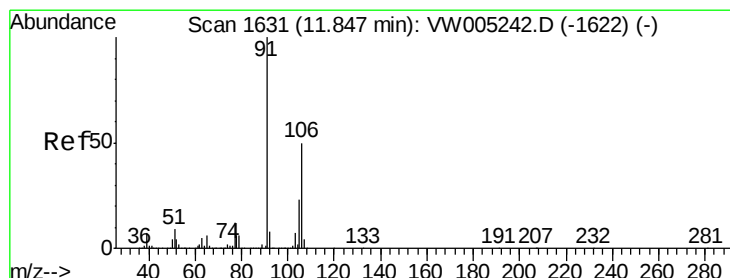
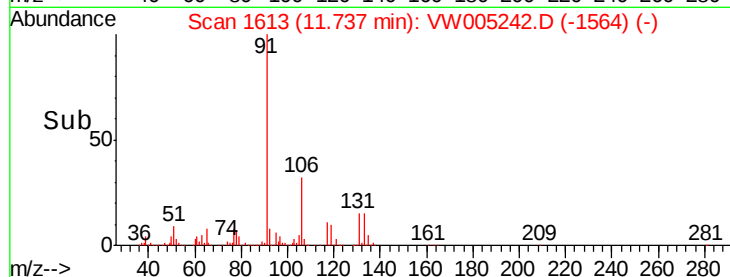
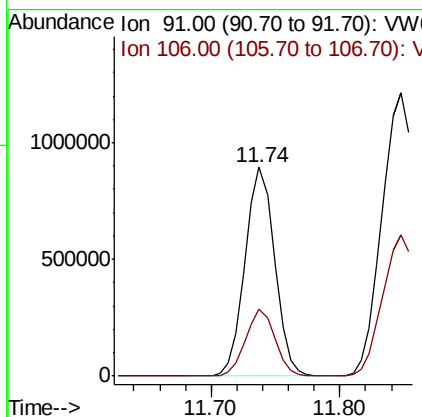
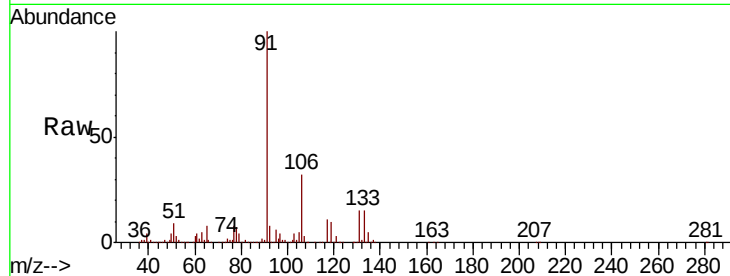
#67
Ethyl Benzene
Concen: 50.93 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 1421747
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

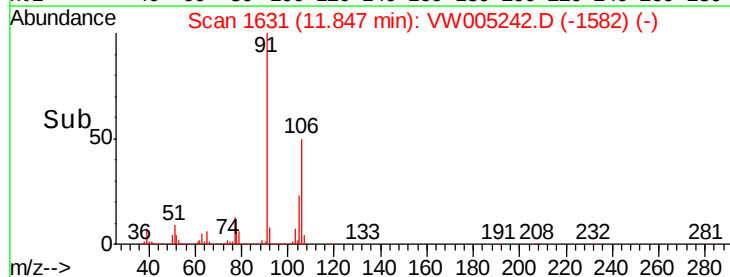
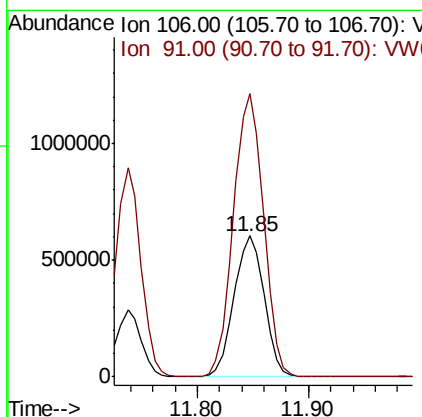
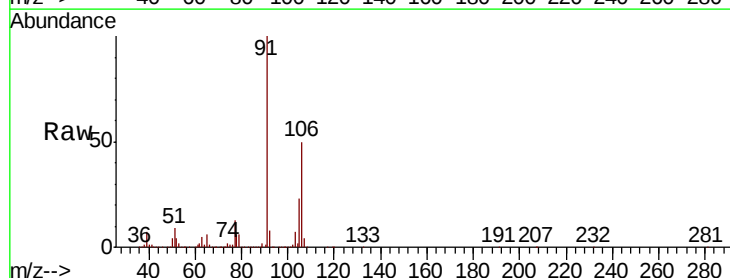
Manual Integrations
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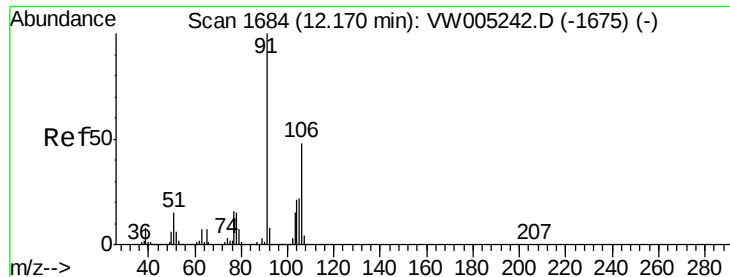
apatel
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#68
m/p-Xylenes
Concen: 101.07 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 106 Resp: 1136905
Ion Ratio Lower Upper
106 100
91 200.2 160.2 240.2





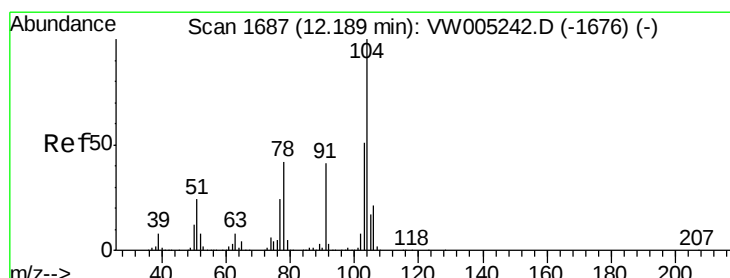
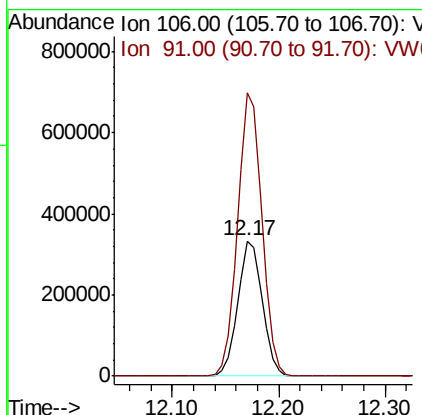
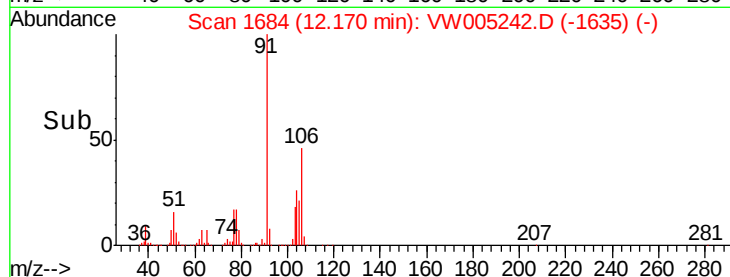
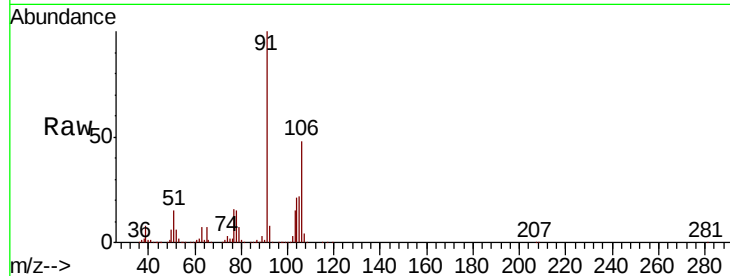
#69
o-Xylene
Concen: 51.45 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	208.2	104.1	312.3	

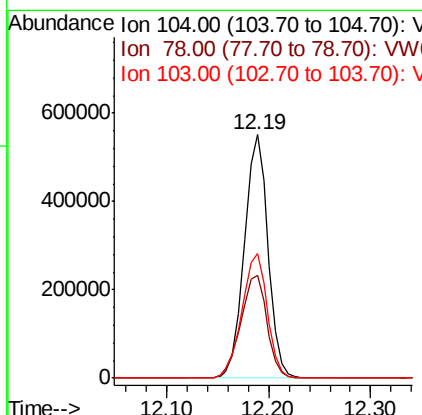
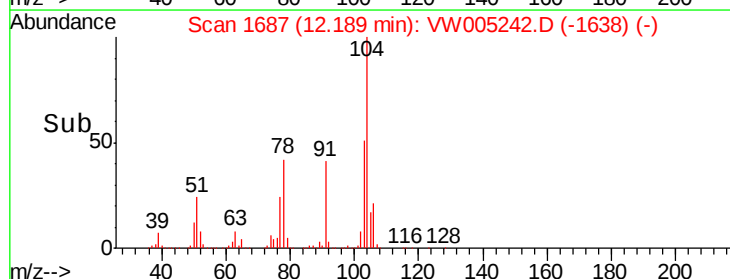
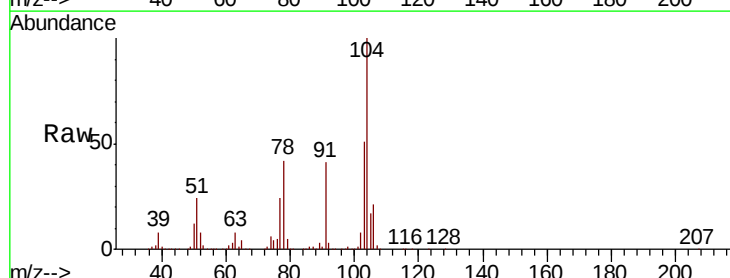
Manual Integrations
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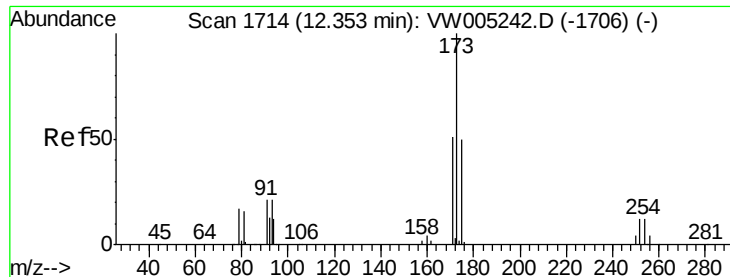
apatel
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#70
Styrene
Concen: 51.92 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.8	37.4	56.2	
103	55.1	44.1	66.1	





#71

Bromoform

Concen: 49.87 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

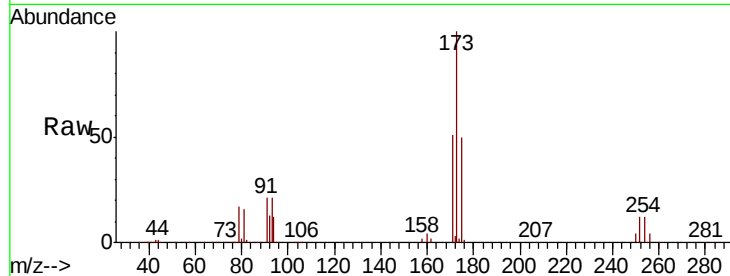
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.6
254	0.1	0.1	0.1

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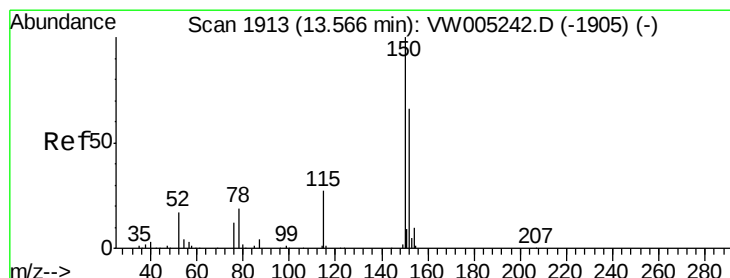
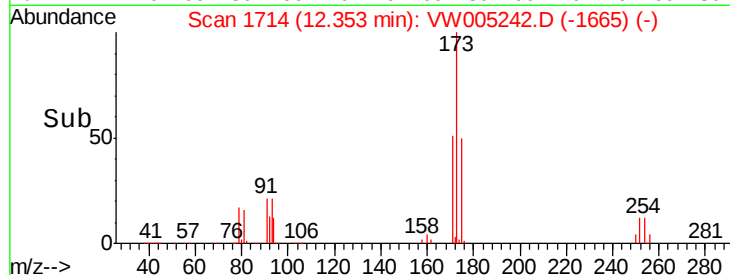
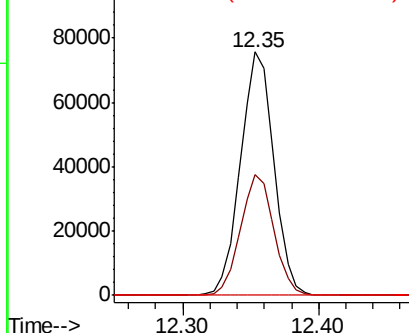


Abundance

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

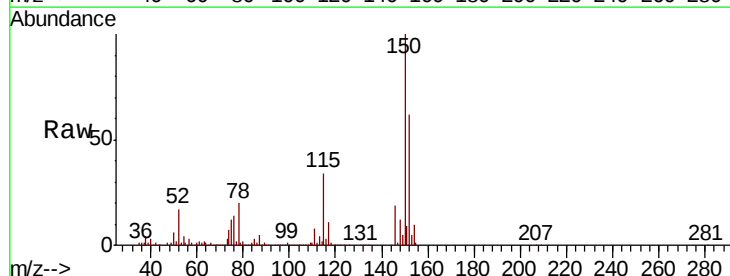
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.5	82.4
150	173.7	0.0	347.4

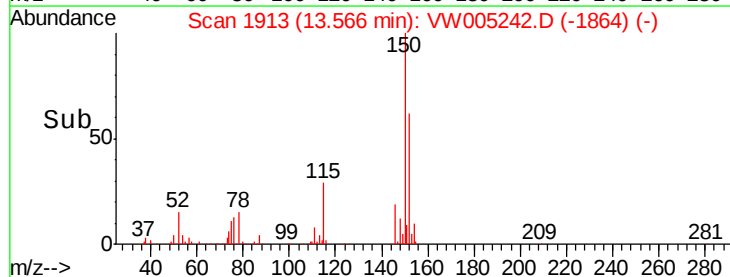
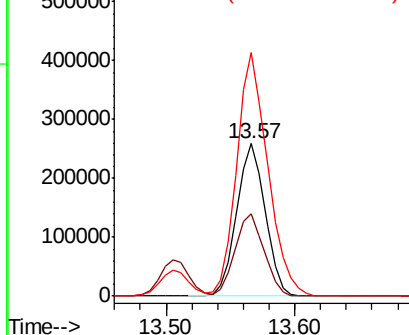


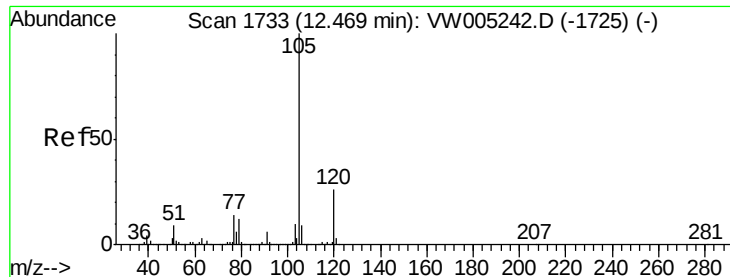
Abundance

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: 51.99 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 1462632

Ion Ratio Lower Upper

105 100

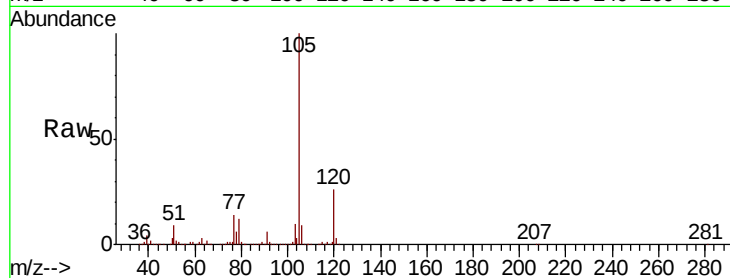
120 26.7 13.4 40.1

Manual Integrations

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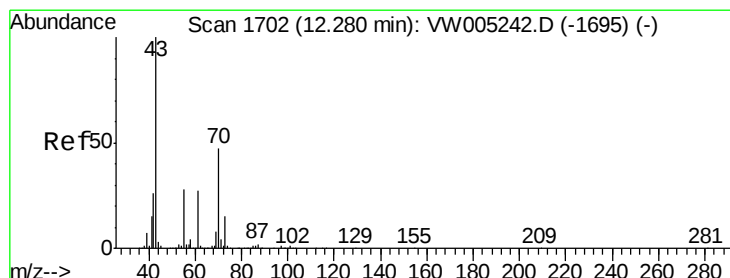
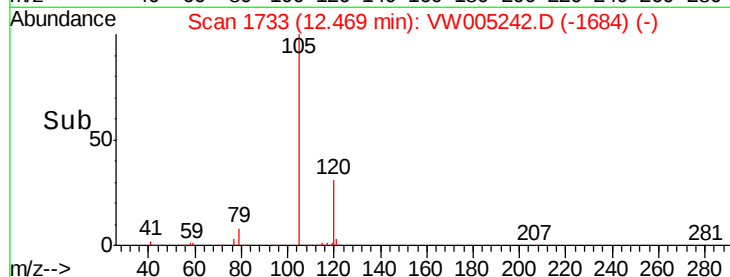
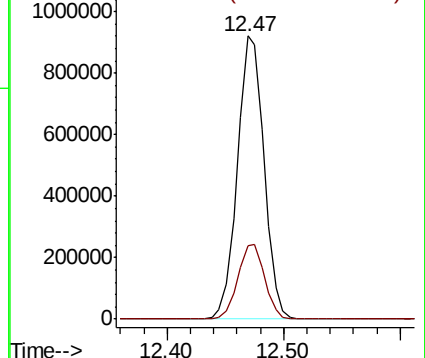
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.55 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion: 43 Resp: 275911

Ion Ratio Lower Upper

43 100

70 47.4 37.9 56.9

55 28.2 22.6 33.8

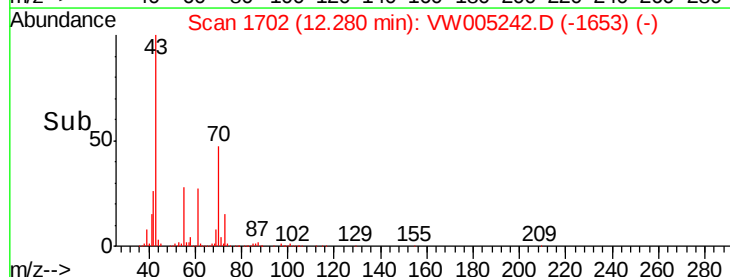
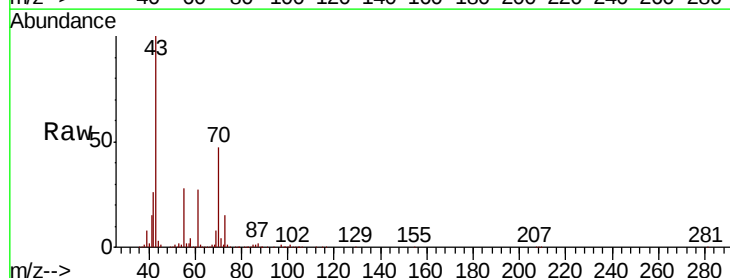
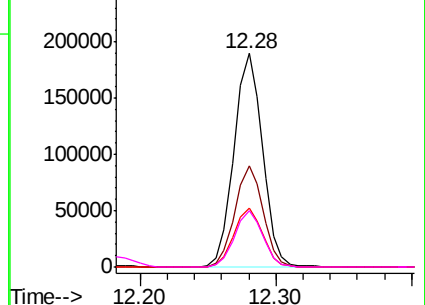
61 26.1 20.9 31.3

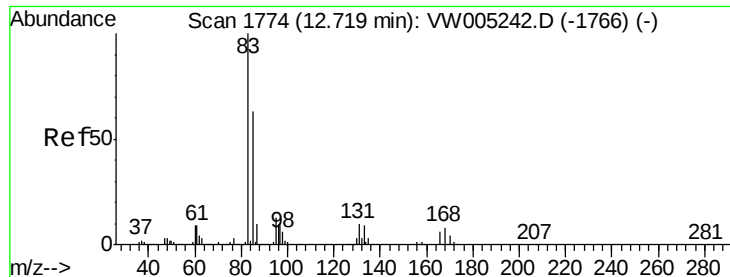
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 50.29 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

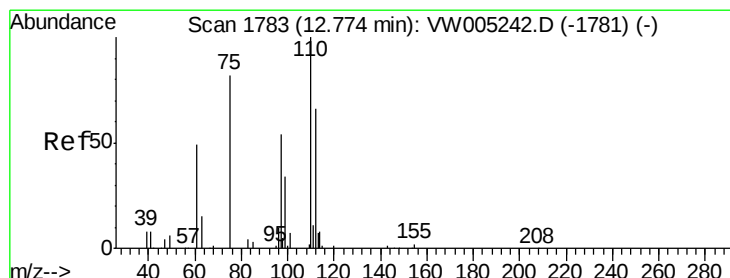
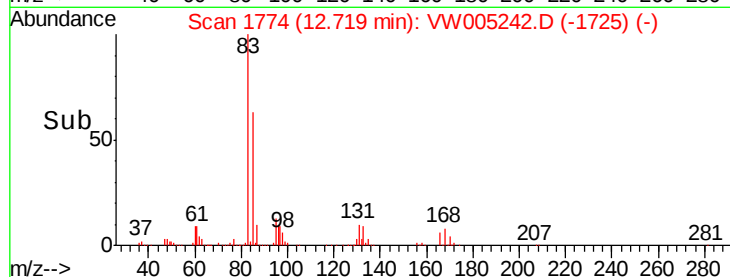
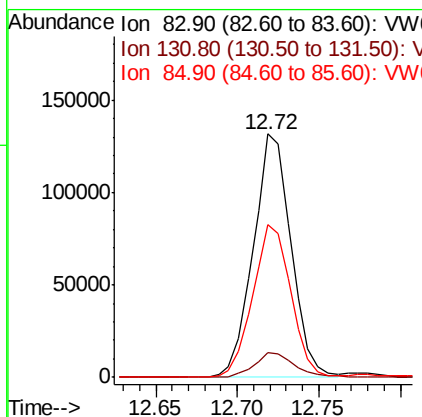
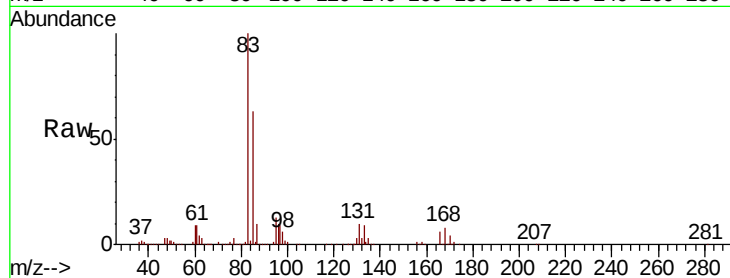
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	212634
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	63.3	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 28.27 ug/l m

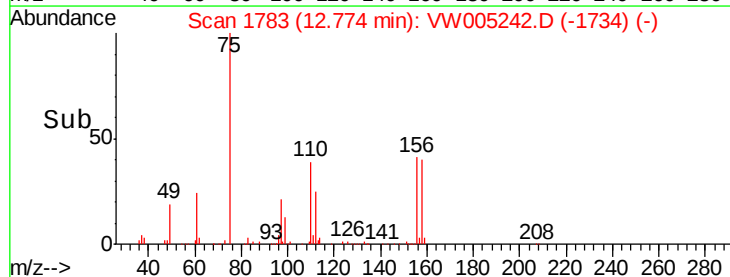
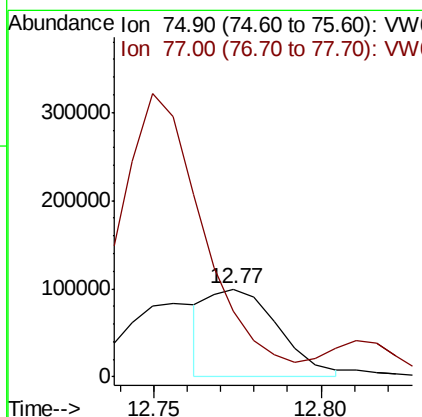
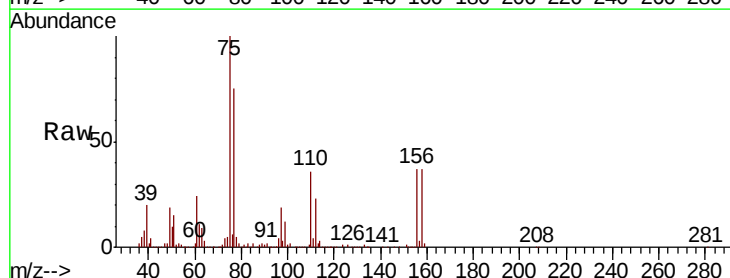
RT: 12.77 min Scan# 1783

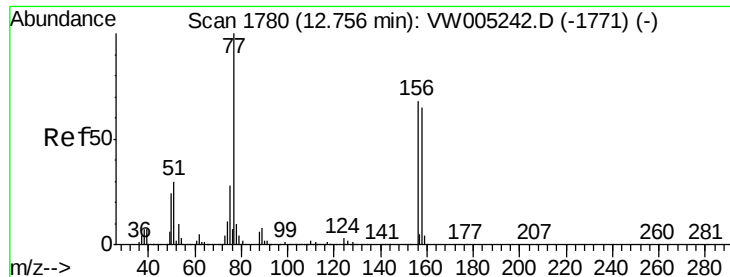
Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion:	75	Resp:	146206
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.93 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

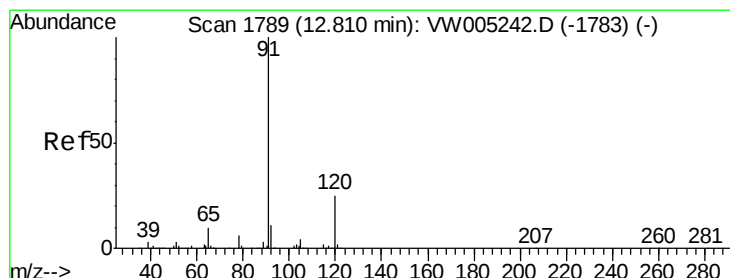
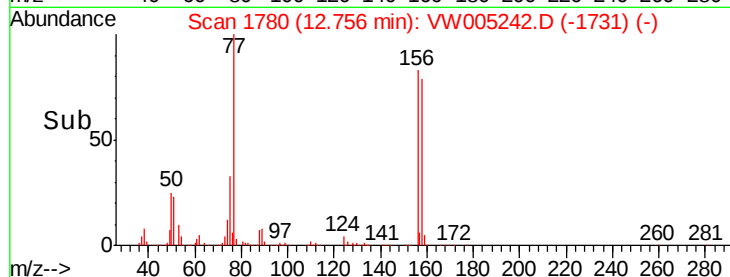
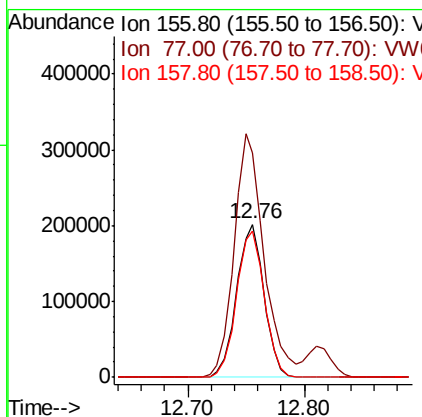
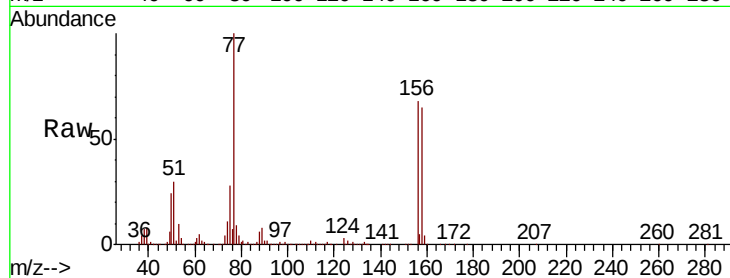
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	330925
Ion Ratio	Lower	Upper	
156	100		
77	172.5	86.3	258.8
158	97.2	48.6	145.8

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#78

n-propylbenzene

Concen: 50.54 ug/l

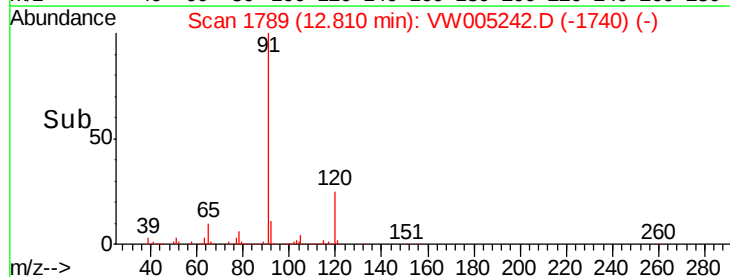
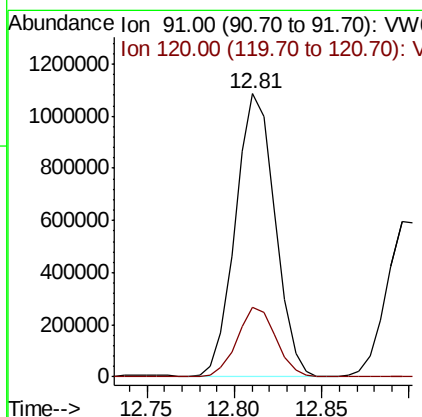
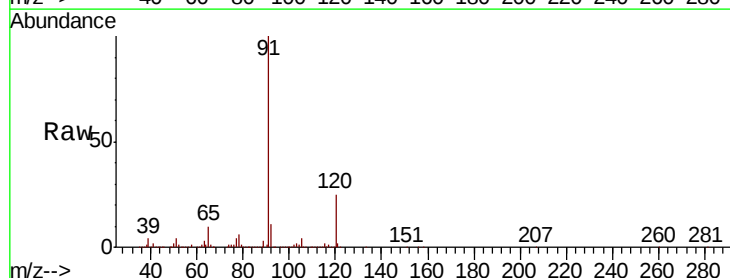
RT: 12.81 min Scan# 1789

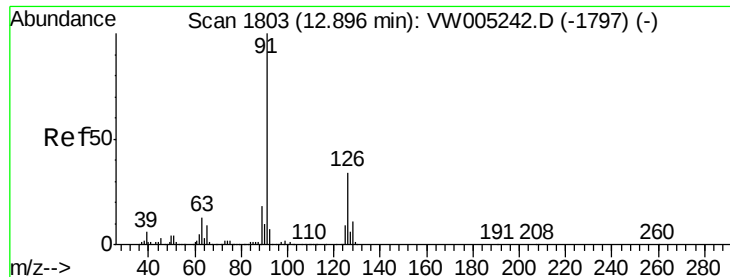
Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion:	91	Resp:	1707676
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.0	36.0





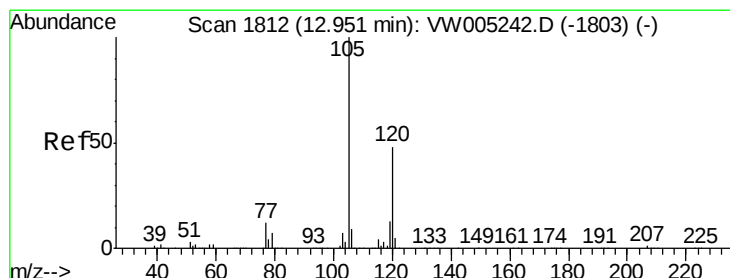
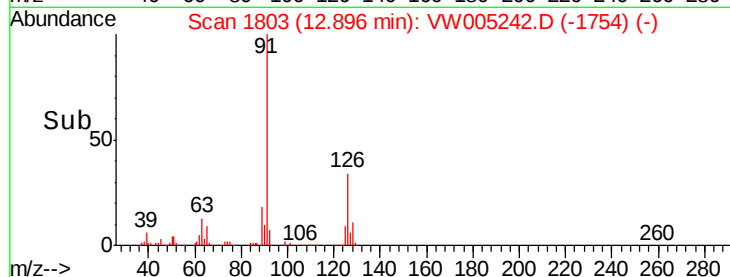
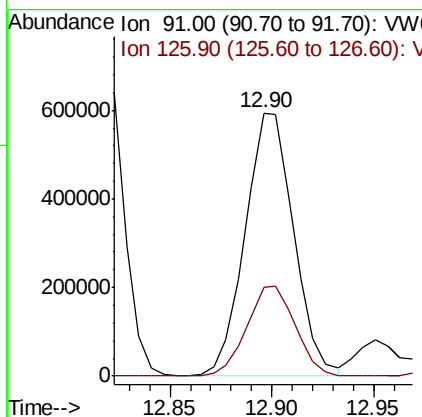
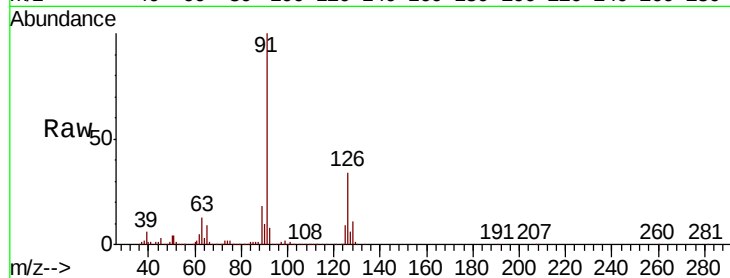
#79
2-Chlorotoluene
Concen: 50.73 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 982971
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5

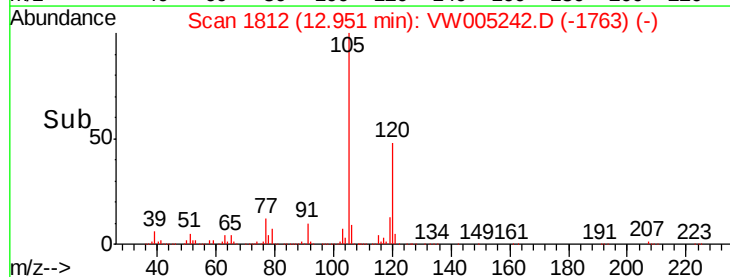
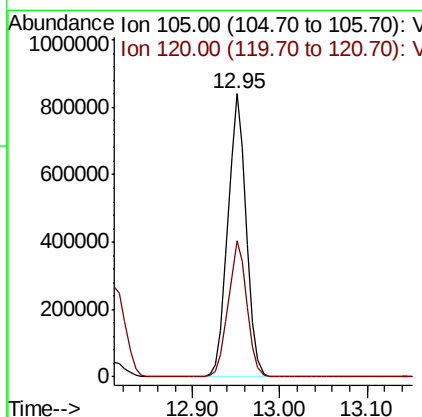
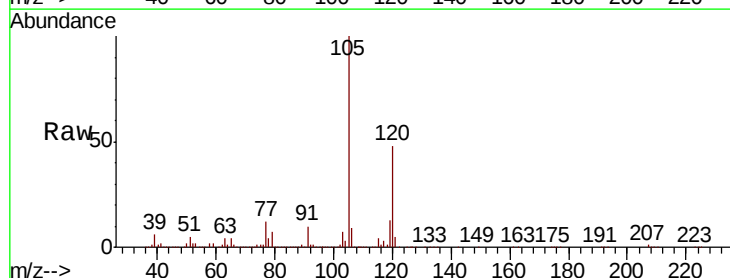
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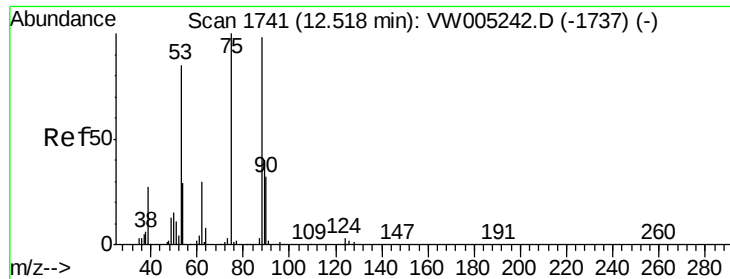
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#80
1,3,5-Trimethylbenzene
Concen: 51.00 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion:105 Resp: 1221848
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 51.35 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

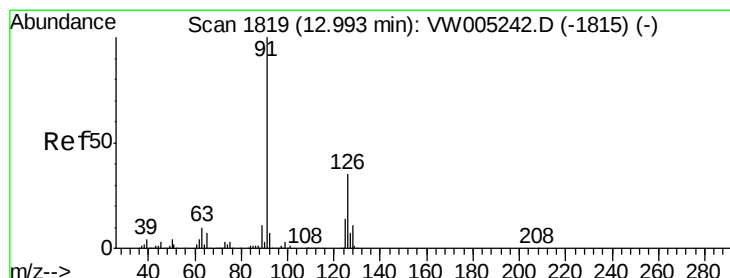
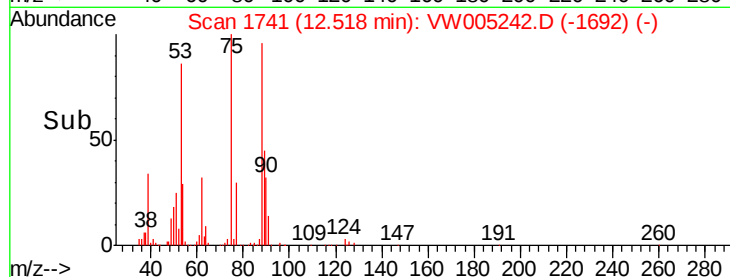
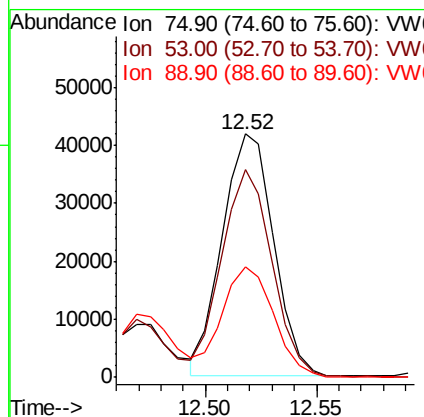
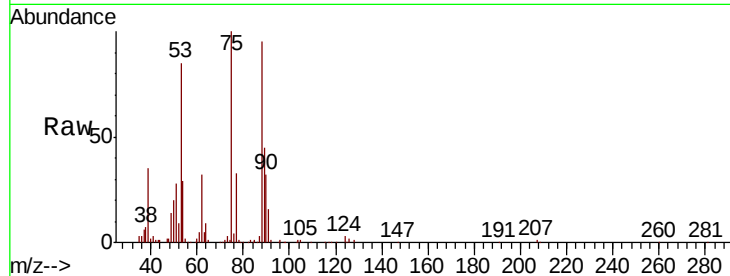
ClientSampled :

VSTDICCC050

Tot Ion:	75	Resp:	67063
Ion	Ratio	Lower	Upper
75	100		
53	83.8	67.0	100.6
89	46.2	37.0	55.4

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#82

4-Chlorotoluene

Concen: 50.38 ug/l

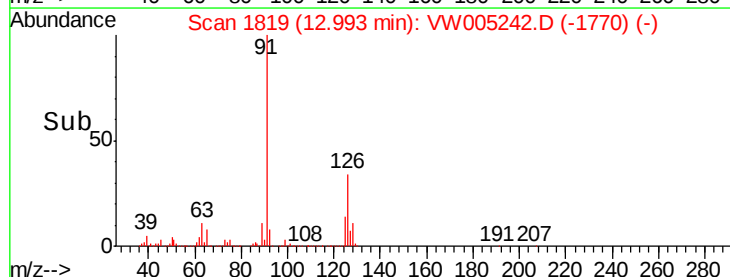
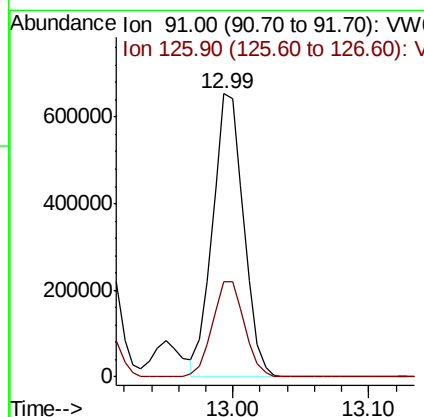
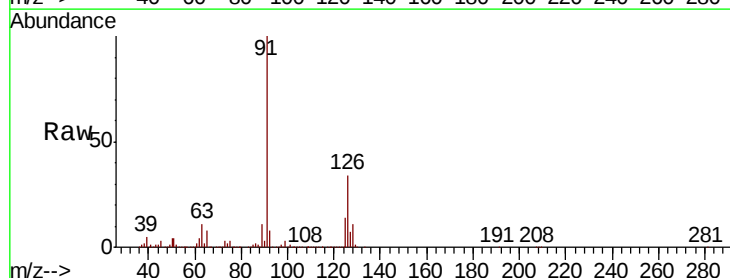
RT: 12.99 min Scan# 1819

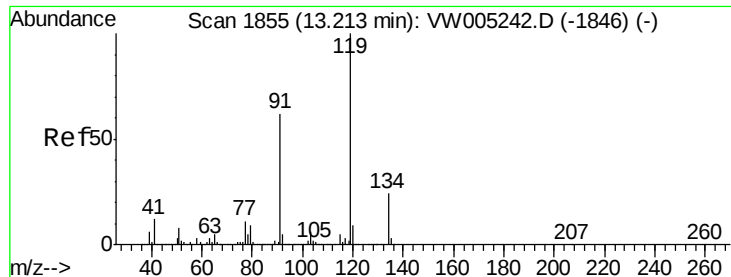
Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion:	91	Resp:	1025995
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.5	52.5





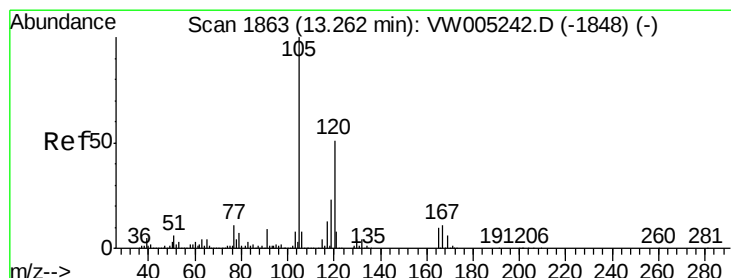
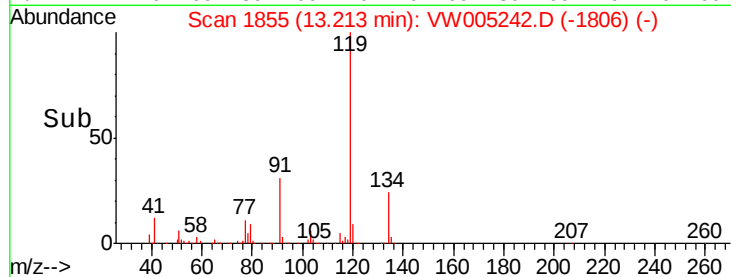
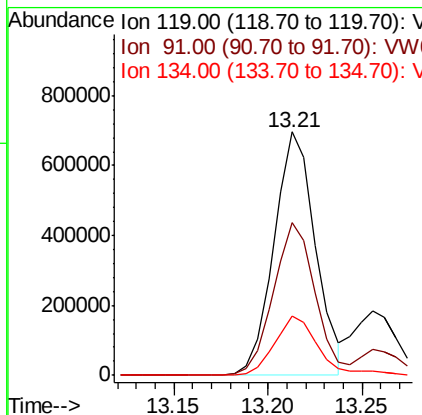
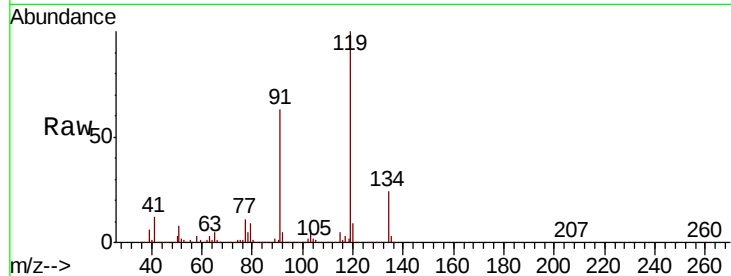
#83
 tert-Butylbenzene
 Concen: 50.62 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.4	31.7	95.1
134	25.9	13.0	38.9

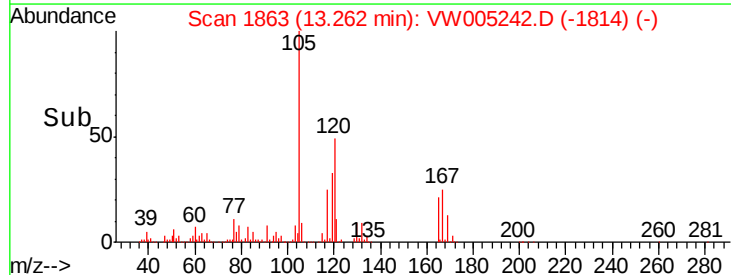
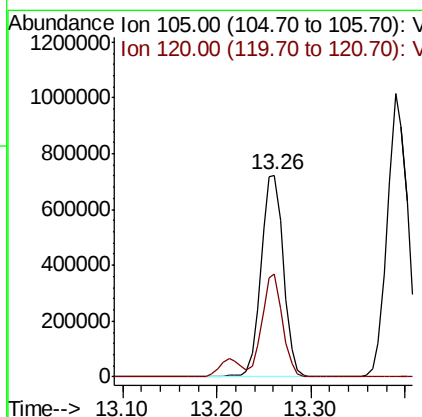
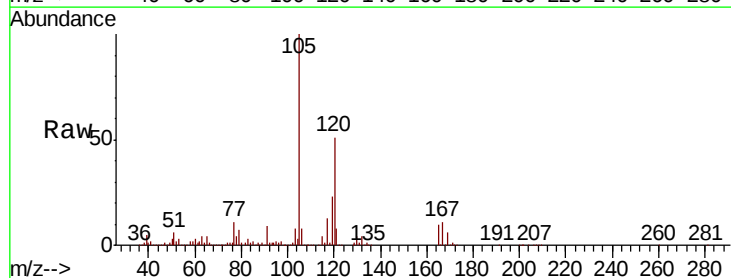
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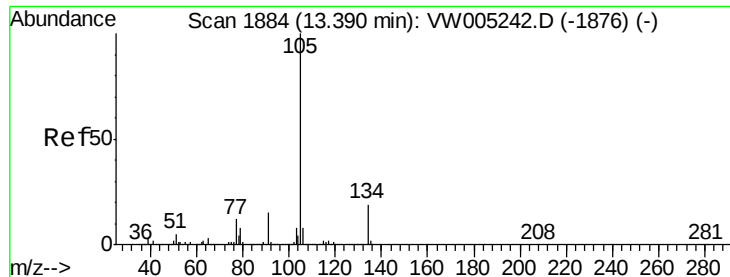
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.26 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.3





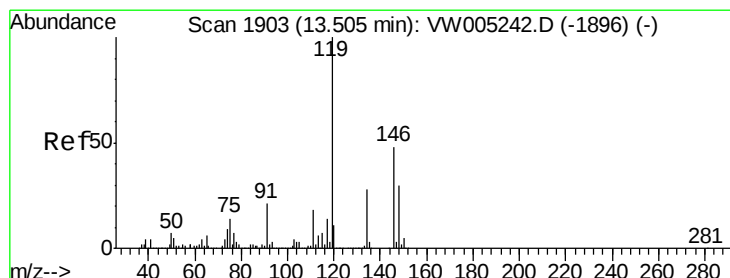
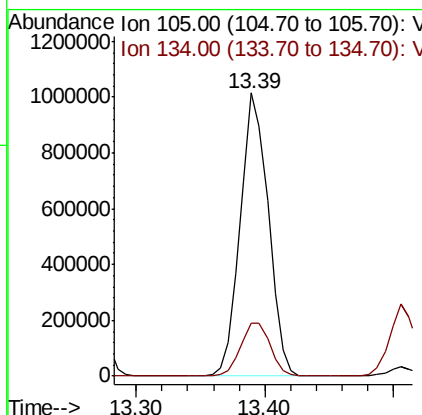
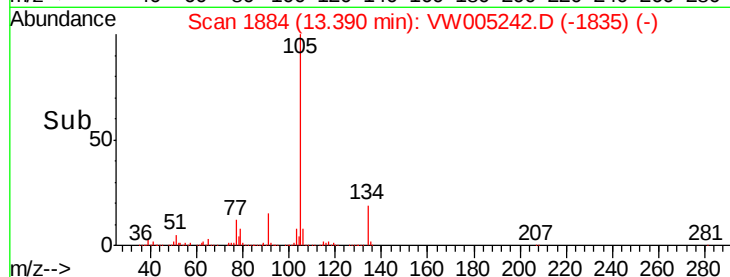
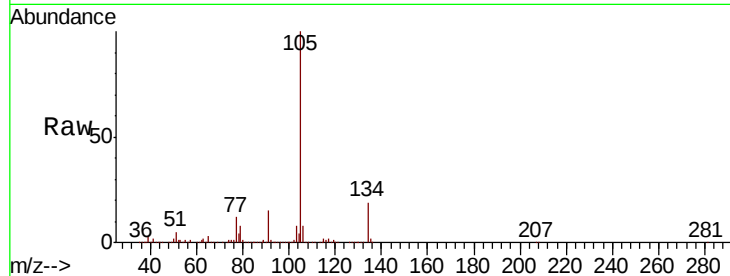
#85
 sec-Butylbenzene
 Concen: 50.85 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.9	29.7

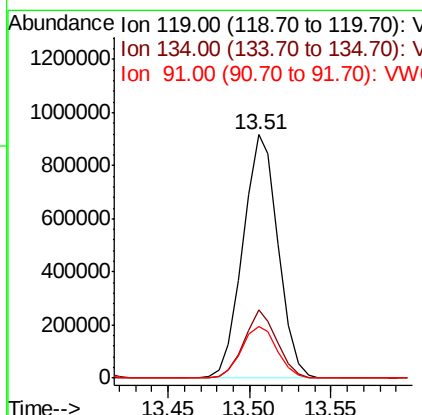
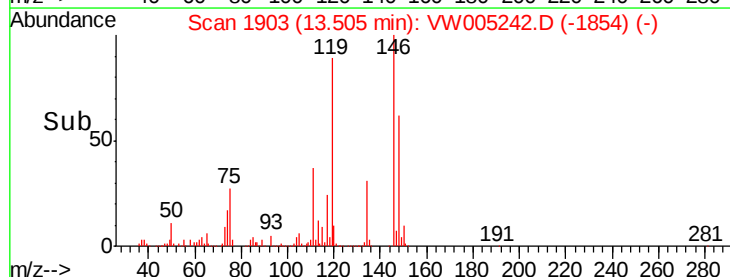
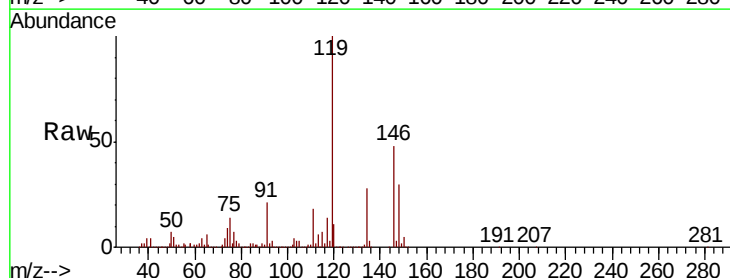
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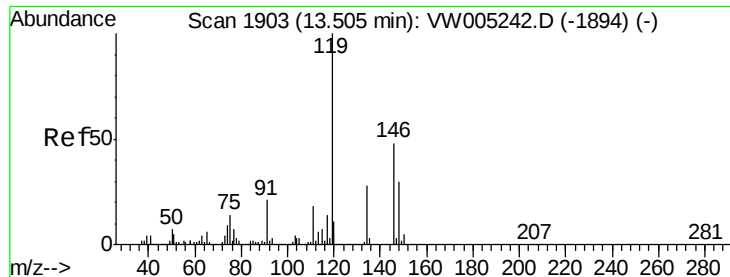
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#86
 p-Isopropyltoluene
 Concen: 51.49 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.2	39.5
91	21.4	10.7	32.1





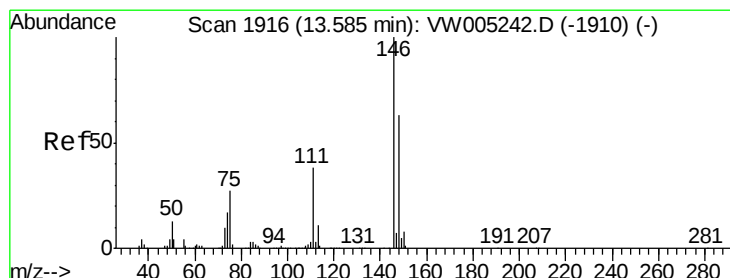
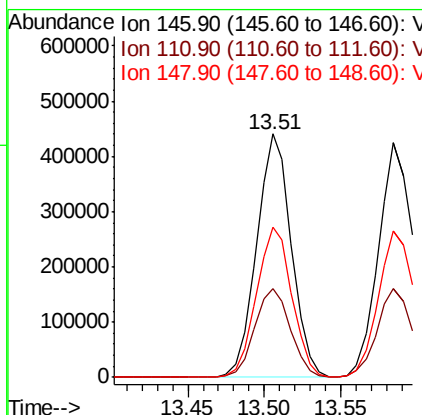
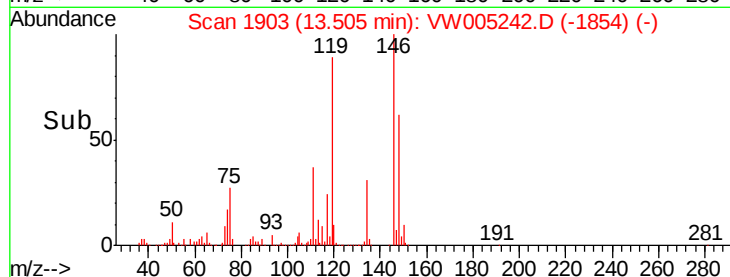
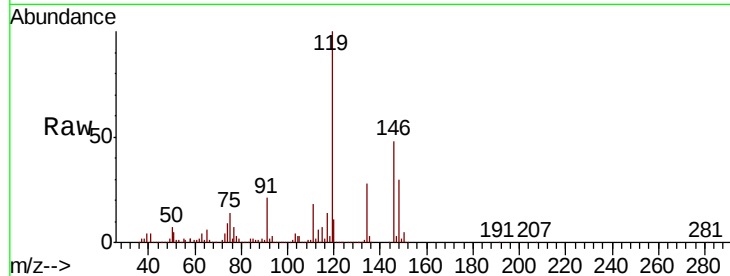
#87
 1,3-Dichlorobenzene
 Concen: 49.89 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	63.2	31.6	94.8

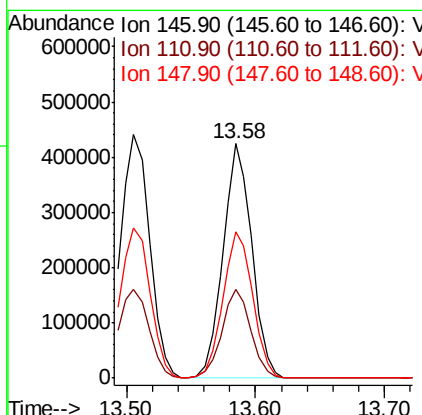
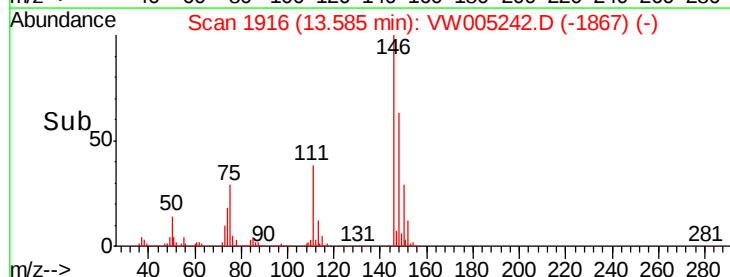
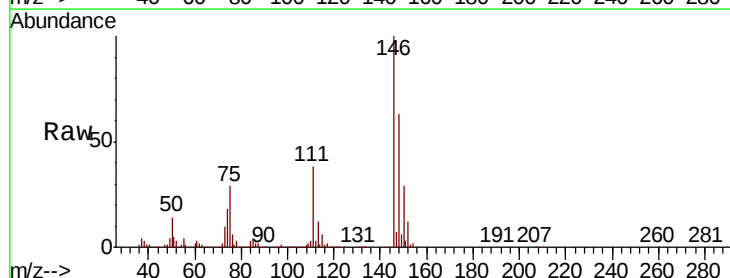
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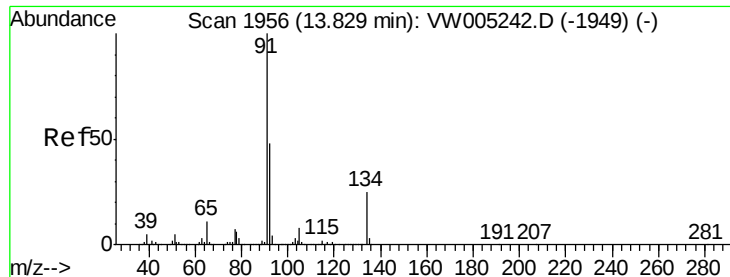
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#88
 1,4-Dichlorobenzene
 Concen: 48.63 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	64.6	32.3	96.9





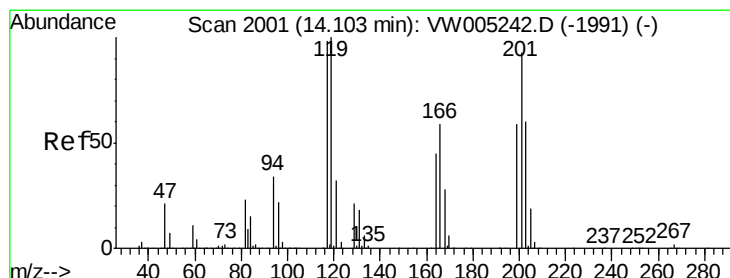
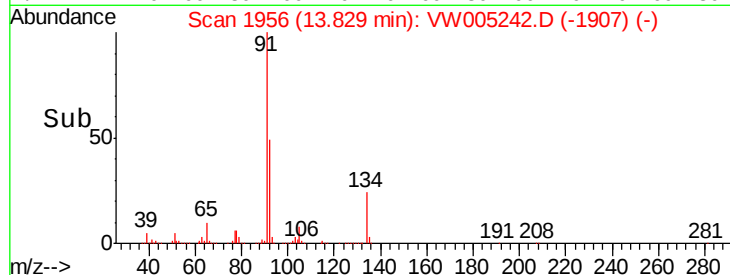
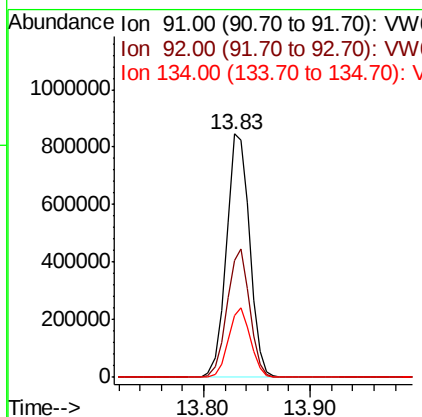
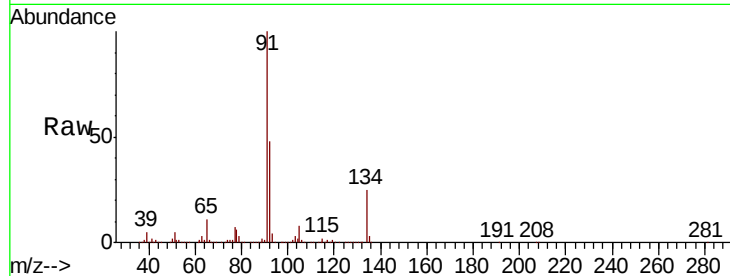
#89
n-Butylbenzene
Concen: 51.28 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.8	77.3
134	27.2	13.6	40.8

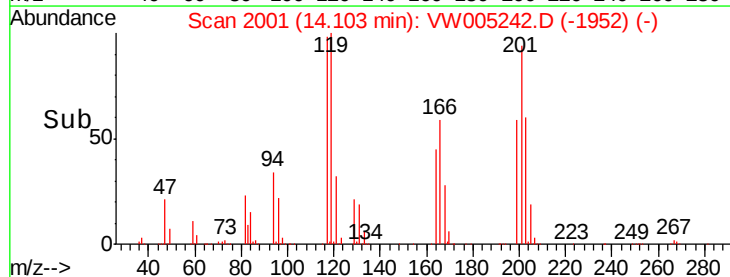
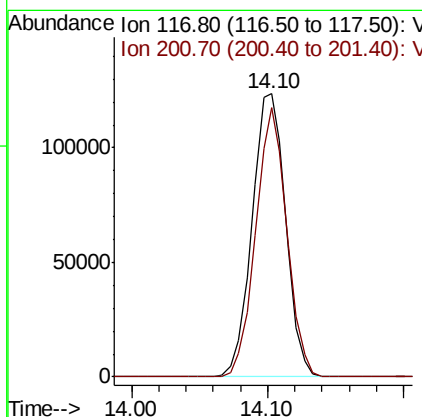
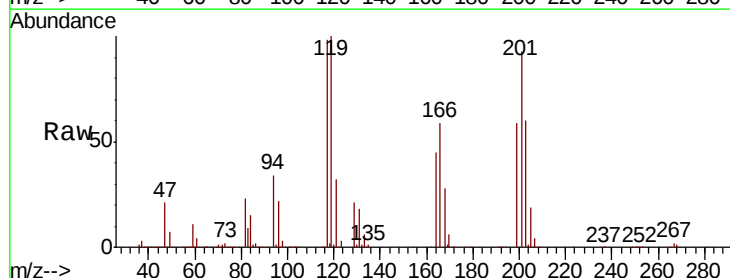
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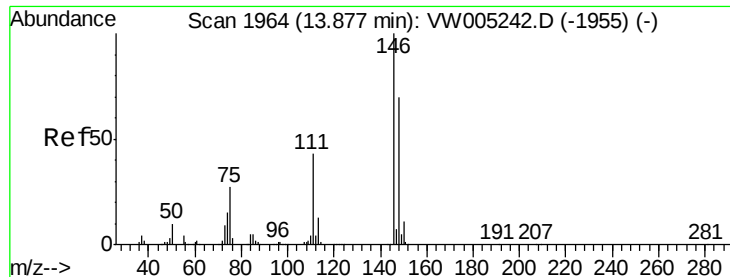
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#90
Hexachloroethane
Concen: 50.08 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005242.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	44.0	132.1





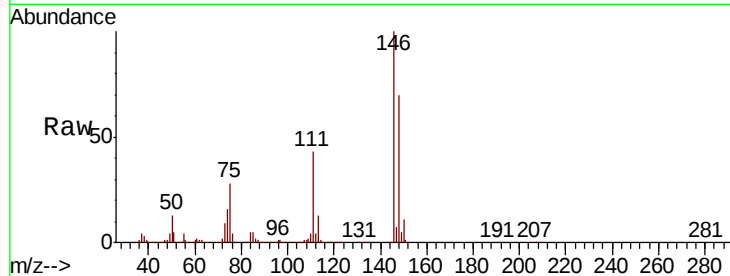
#91
 1,2-Dichlorobenzene
 Concen: 49.07 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	600267		
111	41.0		20.5	61.5
148	65.4		32.7	98.1

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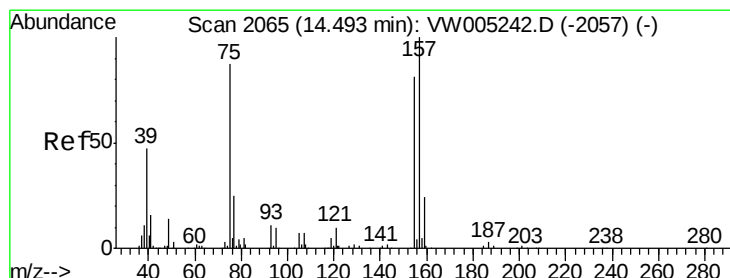
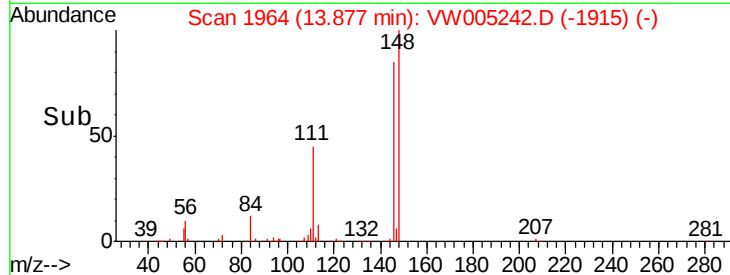
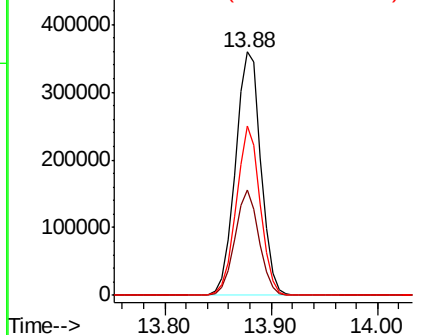


Abundance

Ion 145.90 (145.60 to 146.60): V

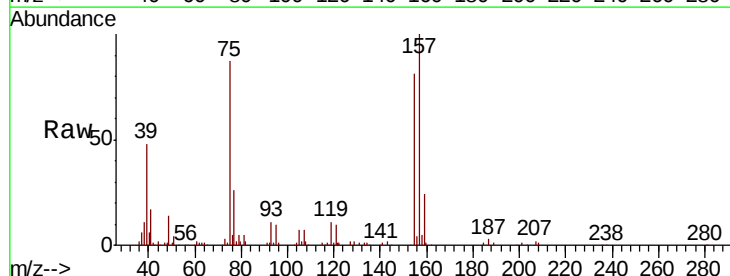
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.66 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35616		
155	94.8		47.4	142.2
157	118.8		59.4	178.2

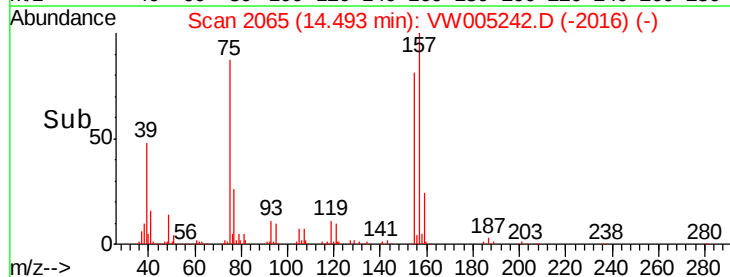
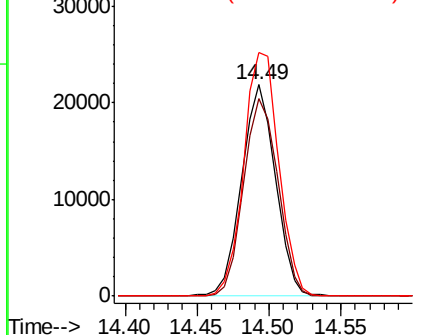


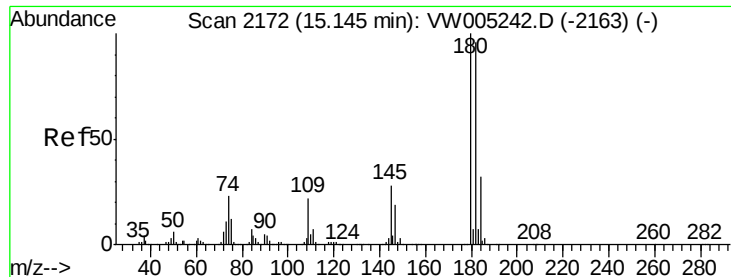
Abundance

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





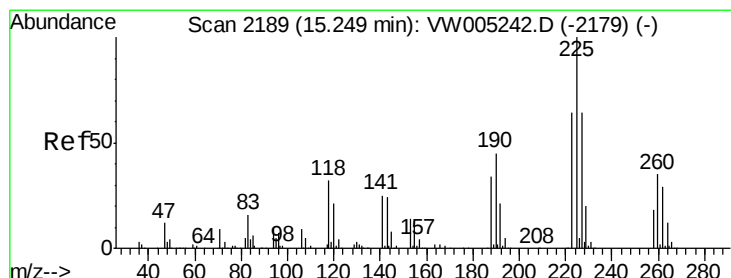
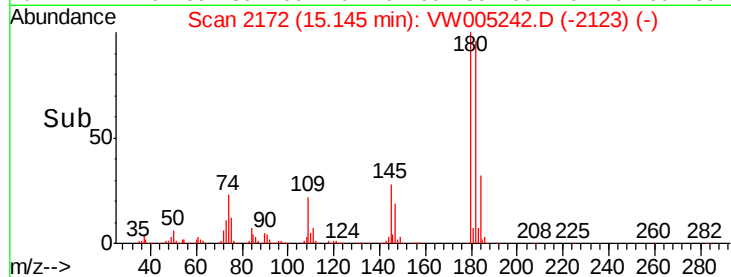
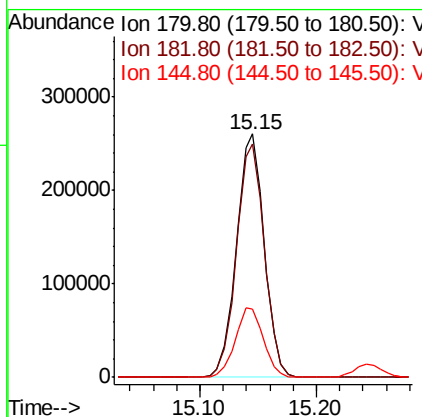
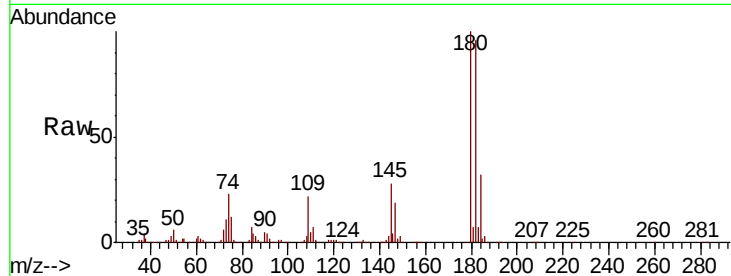
#93
 1,2,4-Trichlorobenzene
 Concen: 49.83 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	431159		
182	96.3	48.1	144.4	
145	29.1	14.5	43.6	

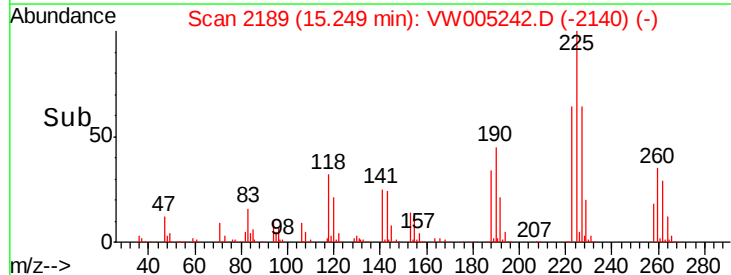
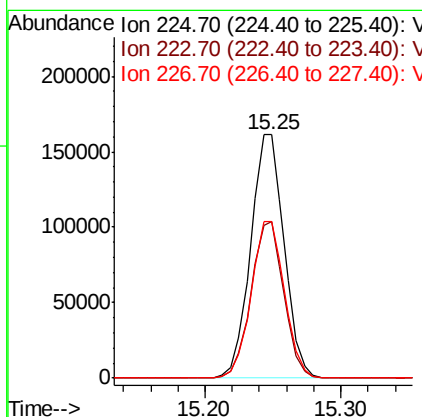
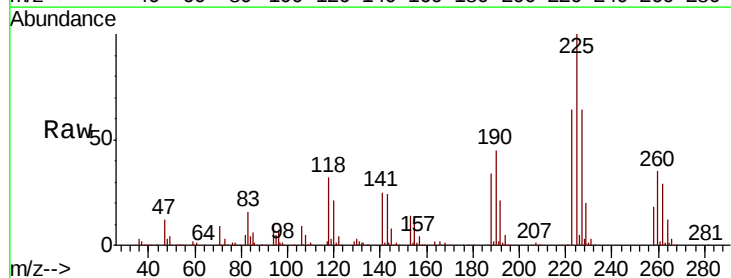
Manual Integrations
 APPROVED

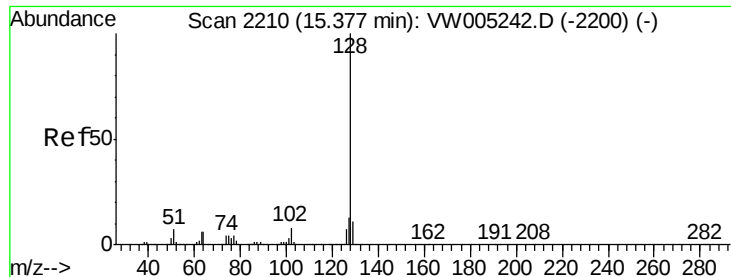
apatel
 9/11/2018 11:09:25 AM



#94
 Hexachlorobutadiene
 Concen: 50.15 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VW005242.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	277884		
223	62.8	31.4	94.2	
227	64.0	32.0	96.0	





#95

Naphthalene

Concen: 51.79 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Instrument :

MSVOA_W

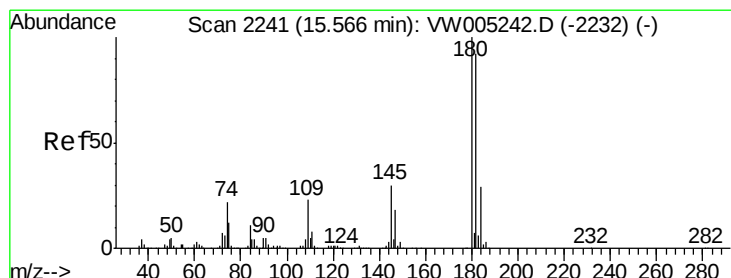
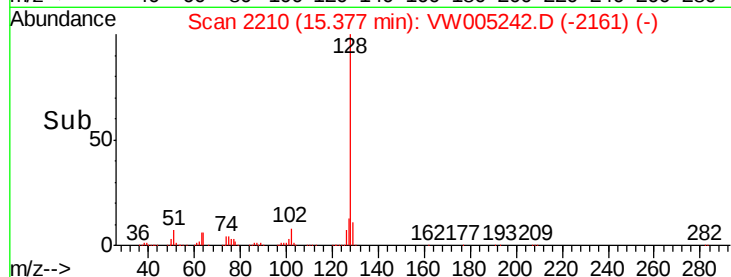
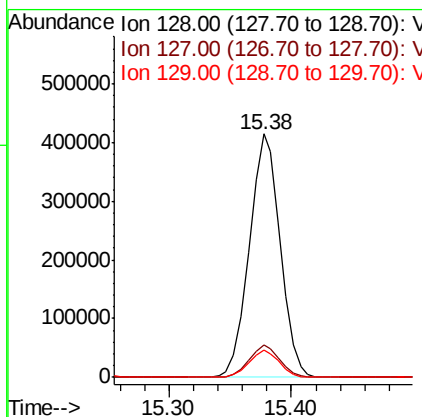
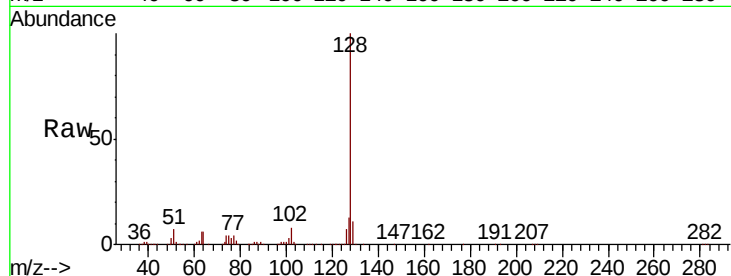
ClientSampled :

VSTDICCC050

Tot Ion:	128	Resp:	726632
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations
APPROVED

apatel
9/11/2018 11:09:25 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.53 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW005242.D

Acq: 10 Sep 2018 15:23

Tgt Ion:	180	Resp:	376250
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.2	141.6
145	30.4	15.2	45.6

