

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101018\
 Data File : VW005948.D
 Acq On : 09 Oct 2018 19:46
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/10/2018 11:34:45 AM

Quant Time: Oct 10 01:13:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180534	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	112643	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
35) Dibromofluoromethane	7.88	113	113338	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
50) Toluene-d8	10.33	98	430950	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.62	95	162149	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	55860	47.986	ug/l	98
3) Chloromethane	2.21	50	71463	52.190	ug/l	99
4) Vinyl Chloride	2.37	62	120819	55.579	ug/l	97
5) Bromomethane	2.78	94	100048	58.315	ug/l	99
6) Chloroethane	2.93	64	79740	57.574	ug/l	99
7) Trichlorofluoromethane	3.26	101	98639	57.163	ug/l	96
8) Diethyl Ether	3.68	74	58041	54.654	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113132	51.952	ug/l	100
10) Methyl Iodide	4.26	142	186690	52.421	ug/l	99
11) Tert butyl alcohol	5.17	59	45184	267.349	ug/l	96
12) 1,1-Dichloroethene	4.03	96	107532	51.422	ug/l	97
13) Acrolein	3.89	56	42424	281.683	ug/l	97
14) Allyl chloride	4.66	41	160979	45.142	ug/l	97
15) Acrylonitrile	5.37	53	127069	274.940	ug/l	100
16) Acetone	4.12	43	118109	256.413	ug/l	98
17) Carbon Disulfide	4.38	76	315493	49.903	ug/l	100
18) Methyl Acetate	4.67	43	64573	55.552	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	170312	52.350	ug/l	99
20) Methylene Chloride	4.91	84	112947	48.942	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	120728	52.969	ug/l	98
22) Diisopropyl ether	6.31	45	322238	48.338	ug/l	98
23) Vinyl Acetate	6.26	43	1019936	248.578	ug/l	98
24) 1,1-Dichloroethane	6.21	63	203182	49.805	ug/l	99
25) 2-Butanone	7.17	43	173720	265.160	ug/l	96
26) 2,2-Dichloropropane	7.17	77	132102	46.011	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	135129	52.425	ug/l	95
28) Bromochloromethane	7.51	49	69059	45.860	ug/l	93
29) Tetrahydrofuran	7.53	42	110973	267.953	ug/l	95
30) Chloroform	7.68	83	217612	51.932	ug/l	96
31) Cyclohexane	7.95	56	186483	46.191	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	187082	50.133	ug/l	100
36) 1,1-Dichloropropene	8.09	75	171528	51.876	ug/l	99
37) Ethyl Acetate	7.26	43	75737	54.089	ug/l	99
38) Carbon Tetrachloride	8.07	117	185890	52.327	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	225839	51.784	ug/l	97
40) Benzene	8.32	78	474030	52.380	ug/l	99
41) Methacrylonitrile	7.49	41	47245	53.894	ug/l	98
42) 1,2-Dichloroethane	8.40	62	143032	52.315	ug/l	99
43) Isopropyl Acetate	8.43	43	152169	52.024	ug/l	98
44) Trichloroethene	9.09	130	143493	54.649	ug/l	97
45) 1,2-Dichloropropane	9.37	63	115904	51.166	ug/l	96
46) Dibromomethane	9.46	93	68498	55.018	ug/l	99
47) Bromodichloromethane	9.65	83	162108	51.743	ug/l	98
48) Methyl methacrylate	9.44	41	72189	51.809	ug/l	96
49) 1,4-Dioxane	9.45	88	23400	1237.367	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	389091	273.174	ug/l	98
52) Toluene	10.39	92	315041	52.990	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	165633	50.590	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	186678	50.722	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	95702	55.498	ug/l	97
56) Ethyl methacrylate	10.65	69	126273	54.330	ug/l	97
57) 1,3-Dichloropropane	10.93	76	156890	54.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	227094	240.134	ug/l	98
59) 2-Hexanone	10.97	43	277898	272.109	ug/l	97
60) Dibromochloromethane	11.13	129	121280	54.501	ug/l	100
61) 1,2-Dibromoethane	11.24	107	96547	56.029	ug/l	99
64) Tetrachloroethene	10.87	164	129292	54.993	ug/l	98
65) Chlorobenzene	11.66	112	362003	53.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	133069	53.699	ug/l	99
67) Ethyl Benzene	11.73	91	630664	52.813	ug/l	100
68) m/p-Xylenes	11.84	106	498782	106.881	ug/l	99
69) o-Xylene	12.17	106	237200	53.092	ug/l	100
70) Styrene	12.18	104	398792	53.799	ug/l	98
71) Bromoform	12.35	173	81277	55.062	ug/l #	100
73) Isopropylbenzene	12.47	105	671379	50.921	ug/l	100
74) N-amyl acetate	12.27	43	155895	49.786	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	115702	53.540	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	71457m	44.310	ug/l	
77) Bromobenzene	12.75	156	166603	53.335	ug/l	95
78) n-propylbenzene	12.81	91	781545	50.391	ug/l	99
79) 2-Chlorotoluene	12.90	91	440317	50.292	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	567105	50.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36263	47.471	ug/l	99
82) 4-Chlorotoluene	12.99	91	469812	51.002	ug/l	98
83) tert-Butylbenzene	13.21	119	512205	51.736	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	580174	51.671	ug/l	100
85) sec-Butylbenzene	13.39	105	722423	51.984	ug/l	100
86) p-Isopropyltoluene	13.51	119	655036	52.414	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	329984	53.173	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	331065	53.685	ug/l	99
89) n-Butylbenzene	13.83	91	609198	51.713	ug/l	99
90) Hexachloroethane	14.10	117	116571	49.595	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	298141	54.112	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21771	54.058	ug/l	97

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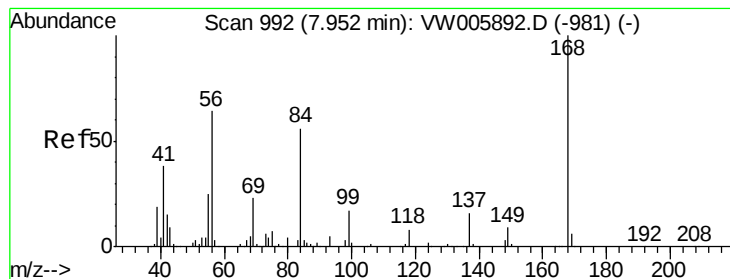
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	227652	53.288	ug/l	99
94) Hexachlorobutadiene	15.24	225	139737	52.404	ug/l	100
95) Naphthalene	15.38	128	412661	56.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	198854	53.758	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 237549

Ion Ratio Lower Upper

168 100

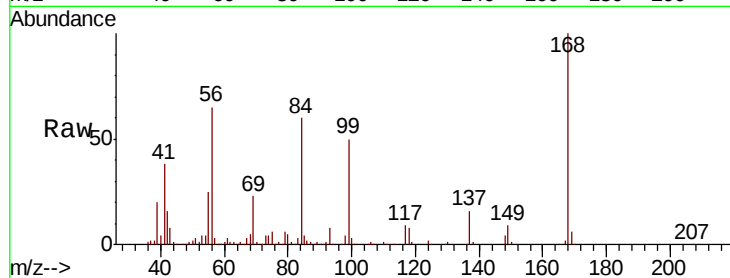
99 49.7 40.9 61.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

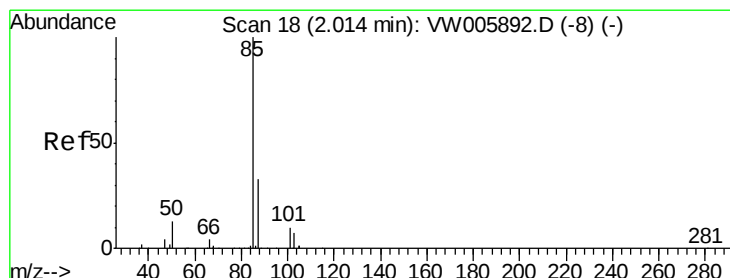
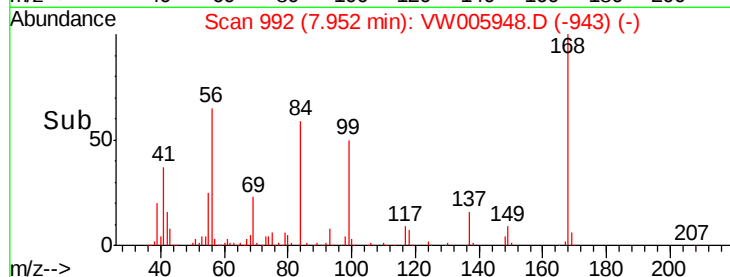
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.986 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW005948.D

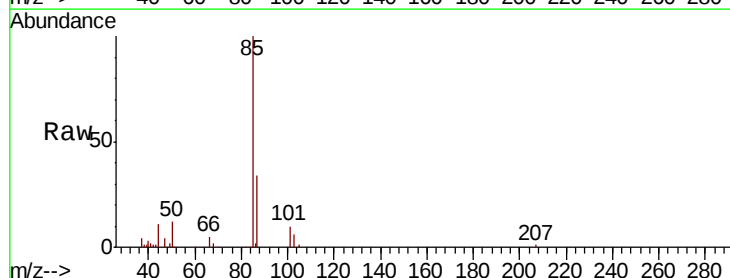
Acq: 09 Oct 2018 19:46

Tgt Ion: 85 Resp: 55860

Ion Ratio Lower Upper

85 100

87 34.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

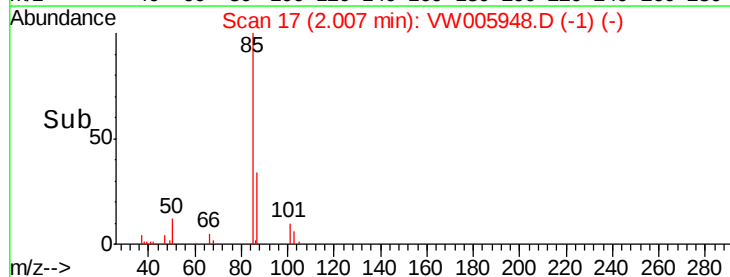
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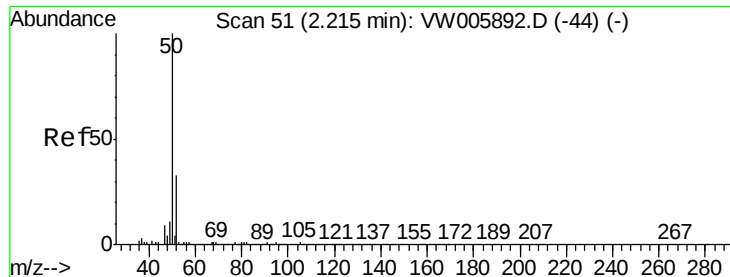
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 52.190 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 71463

Ion Ratio Lower Upper

50 100

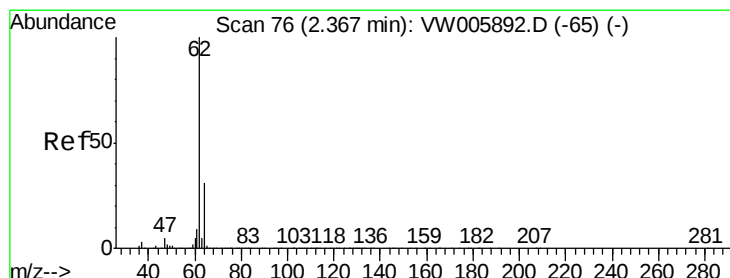
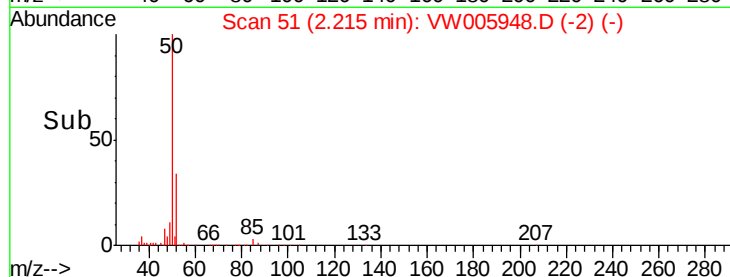
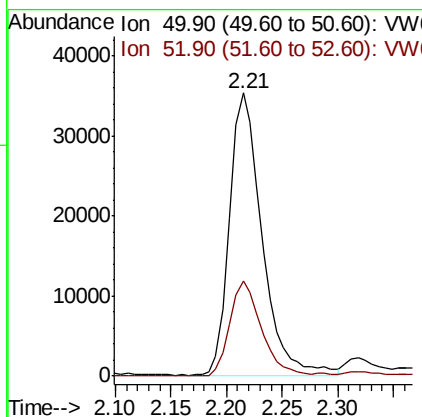
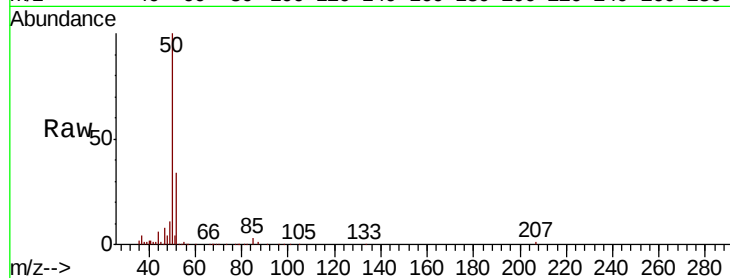
52 33.8 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.579 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005948.D

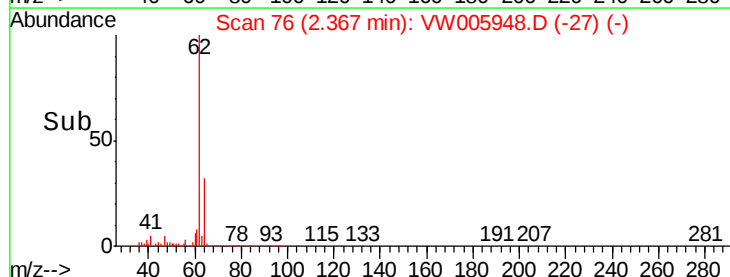
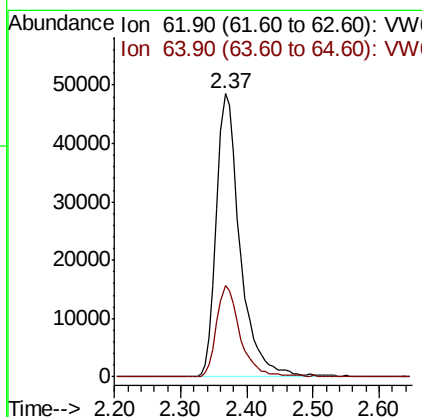
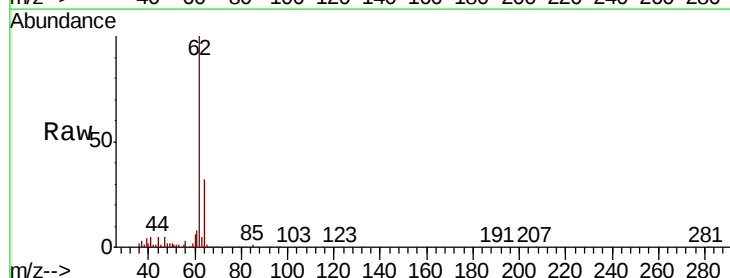
Acq: 09 Oct 2018 19:46

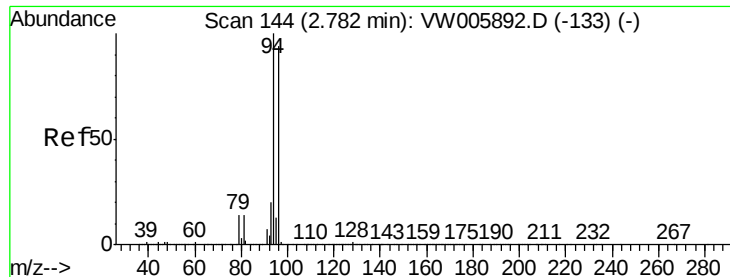
Tgt Ion: 62 Resp: 120819

Ion Ratio Lower Upper

62 100

64 32.1 24.6 36.8





#5

Bromomethane

Concen: 58.315 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

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Tot Ion: 94 Resp: 100048

Ion Ratio Lower Upper

94 100

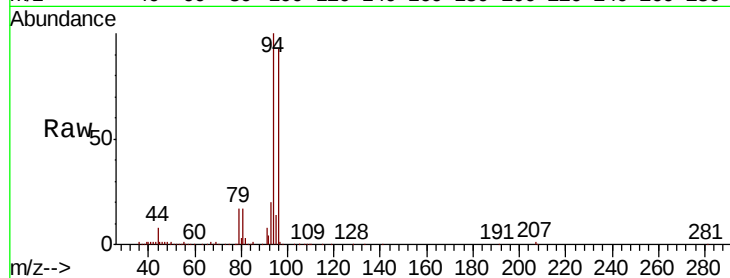
96 92.9 75.0 112.4

Manual Integrations

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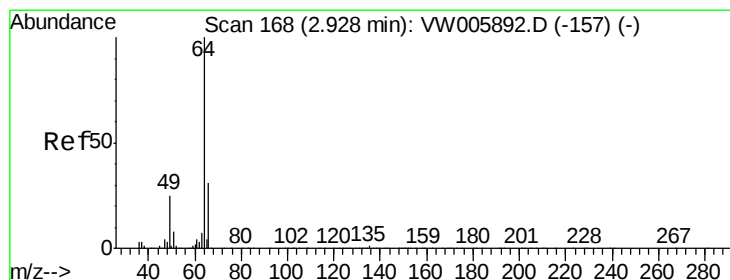
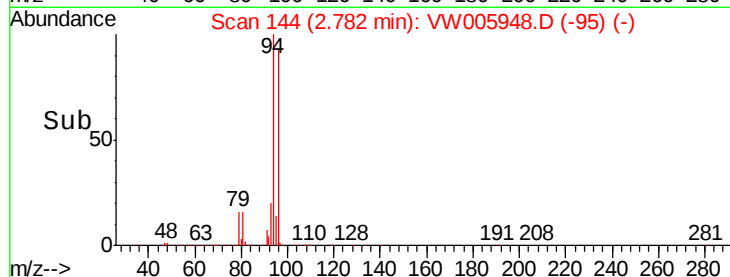
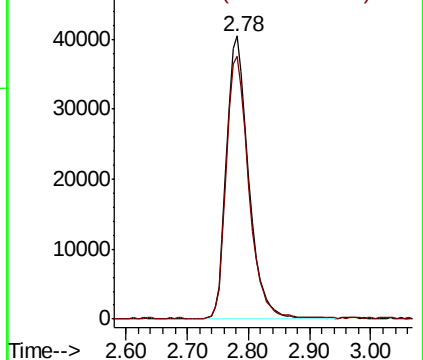
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 57.574 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005948.D

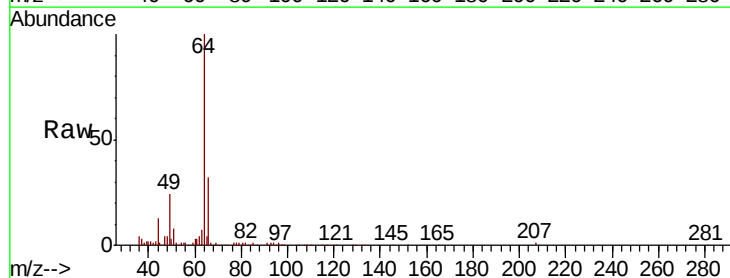
Acq: 09 Oct 2018 19:46

Tgt Ion: 64 Resp: 79740

Ion Ratio Lower Upper

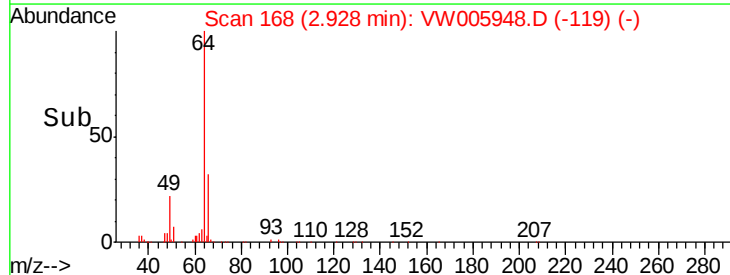
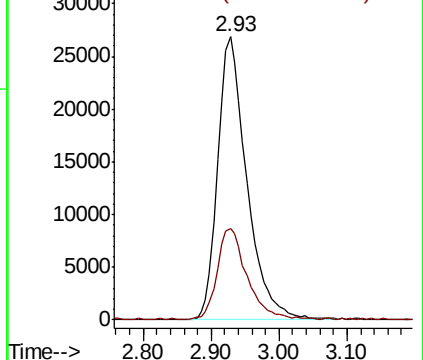
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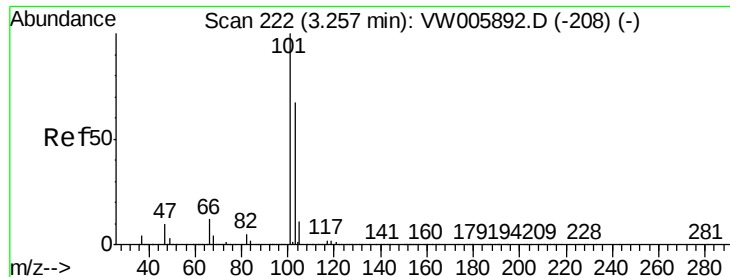
66 32.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

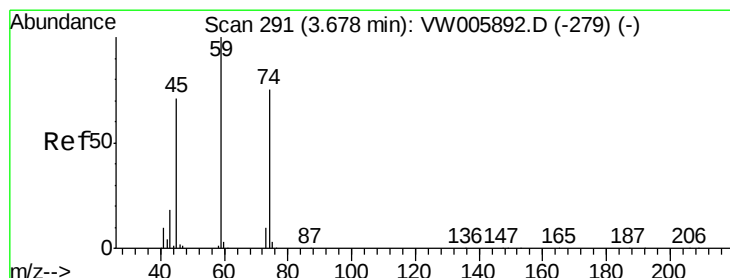
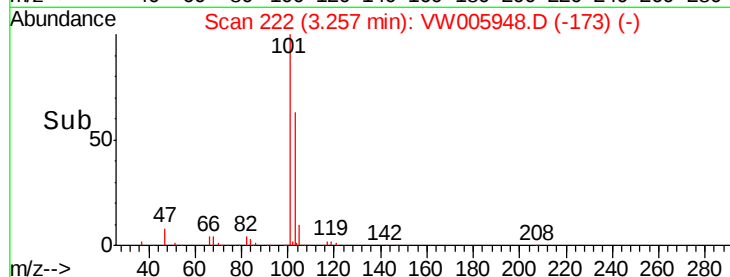
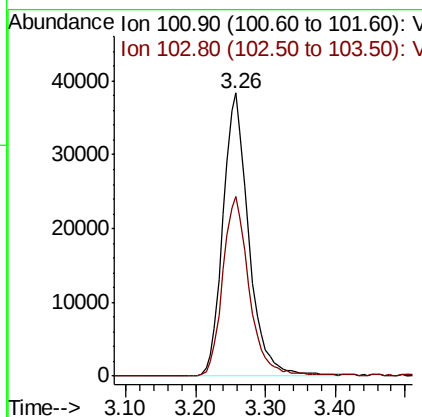
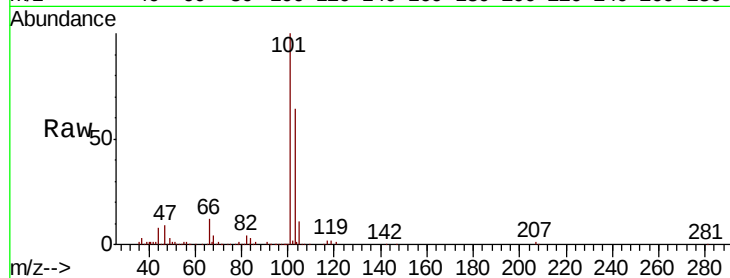
Trichlorofluoromethane
 Concen: 57.163 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	53.5	80.3

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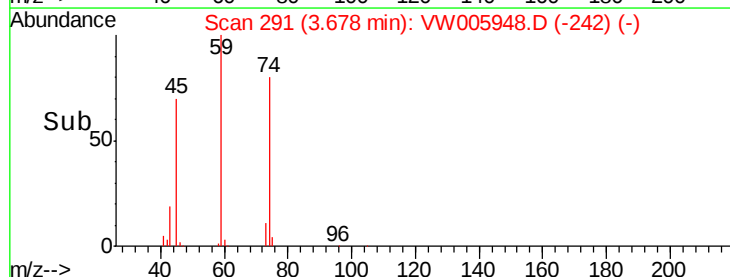
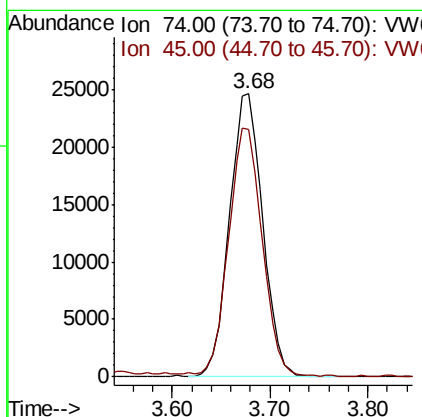
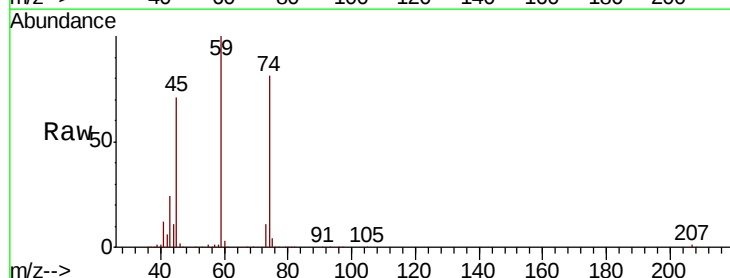
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 10/10/2018 11:34:45 AM

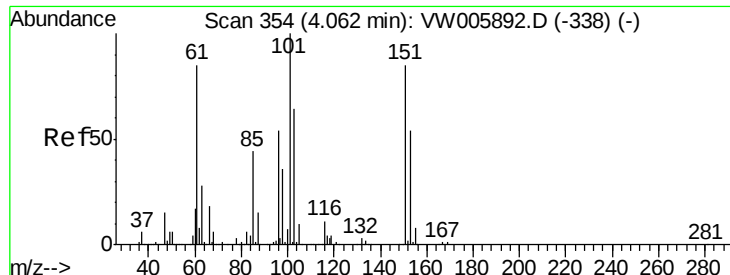


#8

Diethyl Ether
 Concen: 54.654 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.7	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.952 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

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MSVOA_W

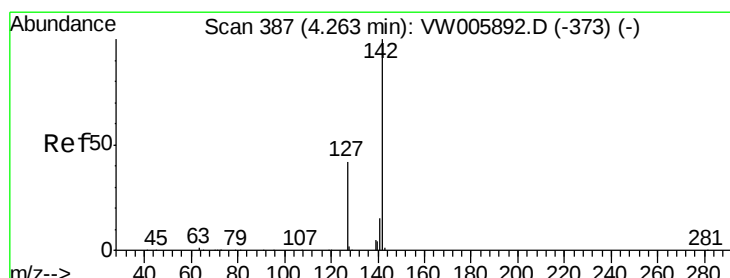
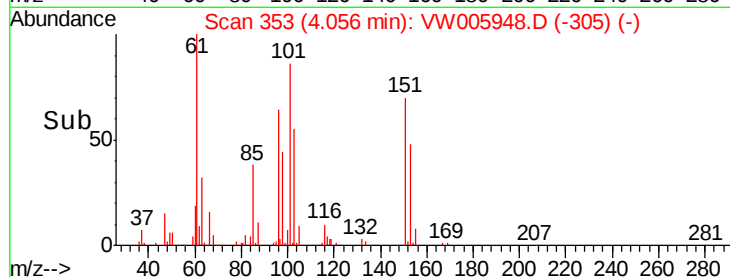
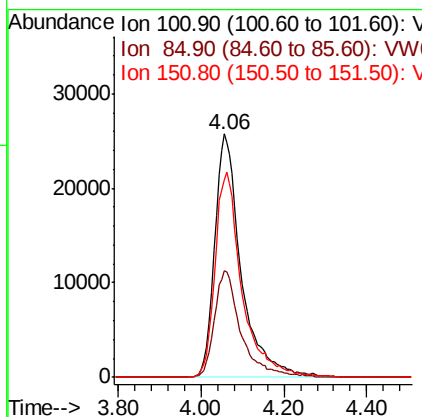
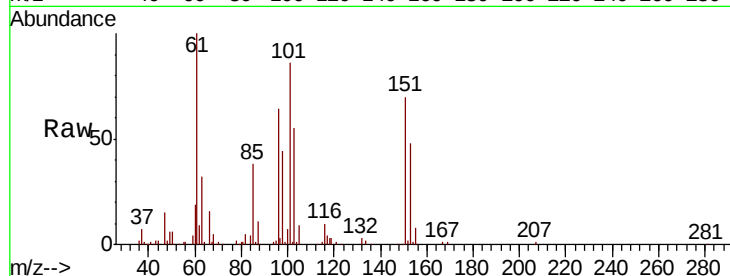
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	113132
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.1	52.7
151	85.1	67.7	101.5

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#10

Methyl Iodide

Concen: 52.421 ug/l

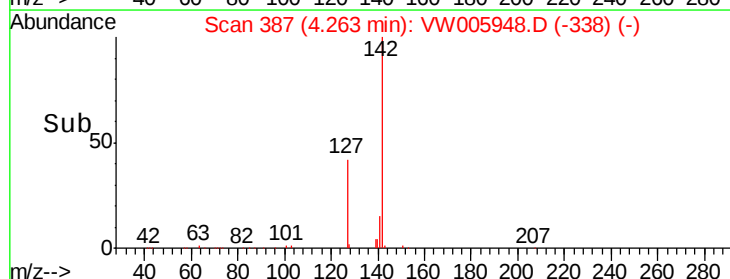
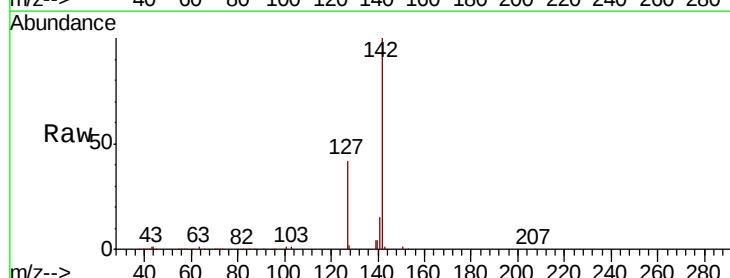
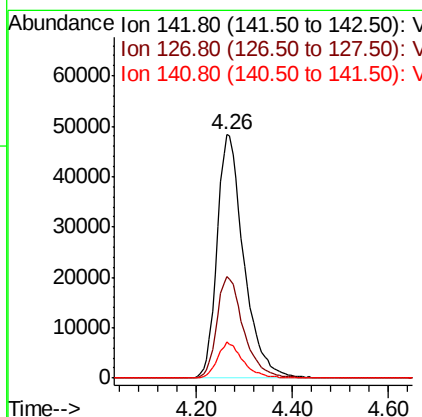
RT: 4.26 min Scan# 387

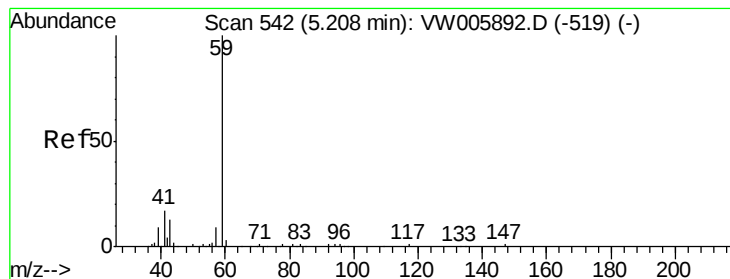
Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Tgt Ion:	142	Resp:	186690
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.7	50.5
141	14.0	11.5	17.3





#11

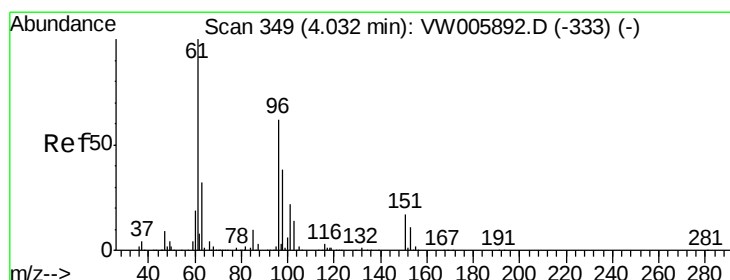
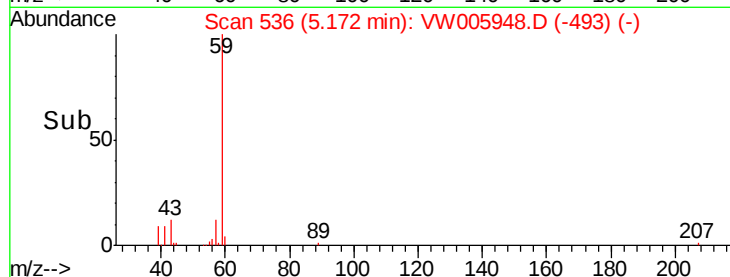
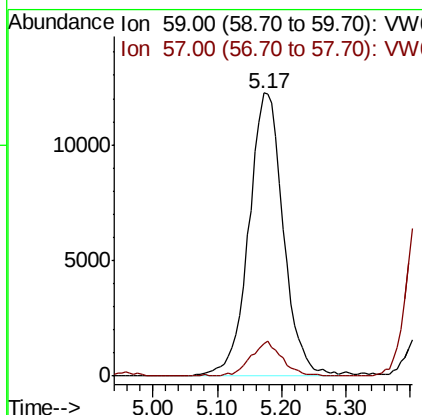
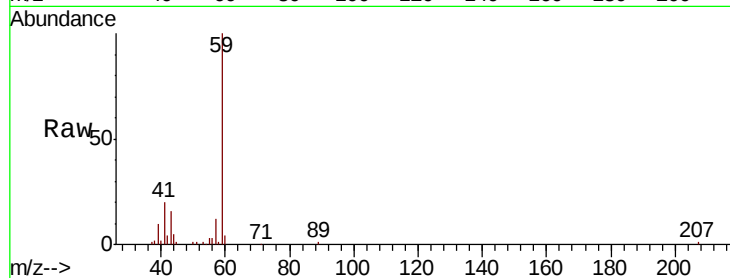
Tert butyl alcohol
 Concen: 267.349 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.04 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	7.7	11.5

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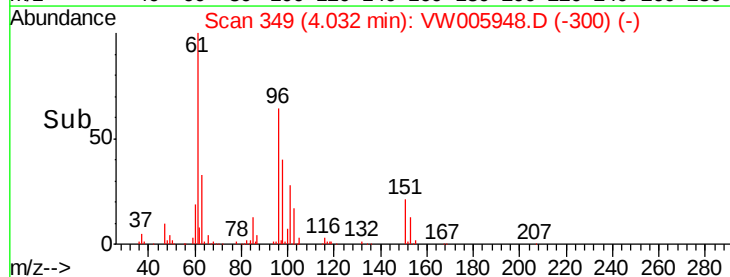
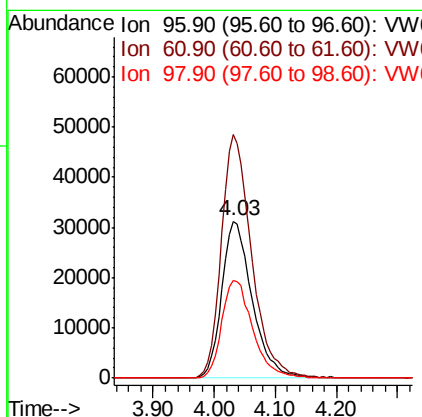
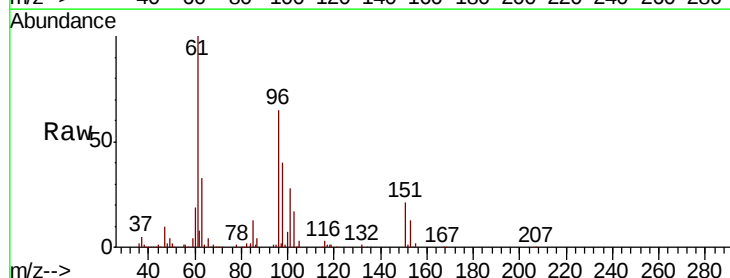
apatel
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#12

1,1-Dichloroethene
 Concen: 51.422 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.9	128.6	193.0
98	61.8	49.4	74.0





#13

Acrolein

Concen: 281.683 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 42424

Ion Ratio Lower Upper

56 100

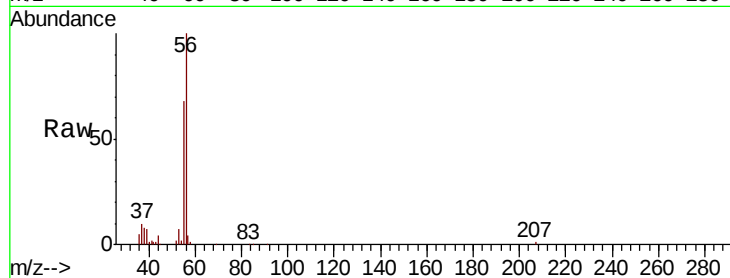
55 70.9 54.6 82.0

Manual Integrations

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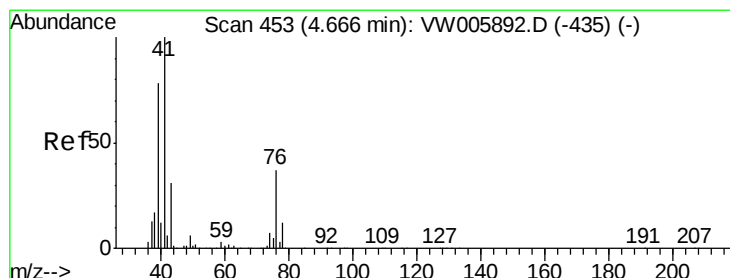
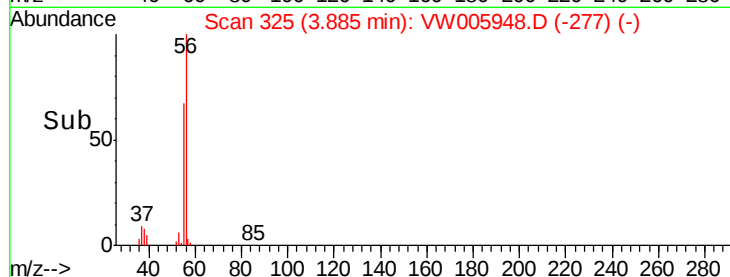
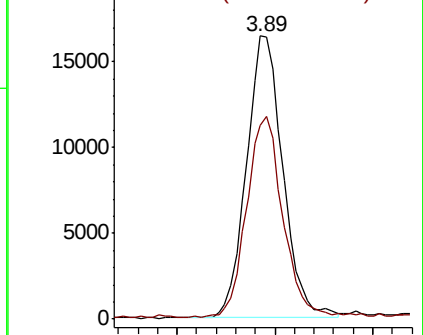
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 45.142 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

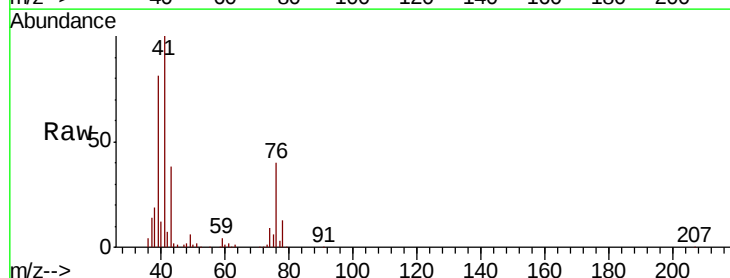
Tgt Ion: 41 Resp: 160979

Ion Ratio Lower Upper

41 100

39 77.8 60.8 91.2

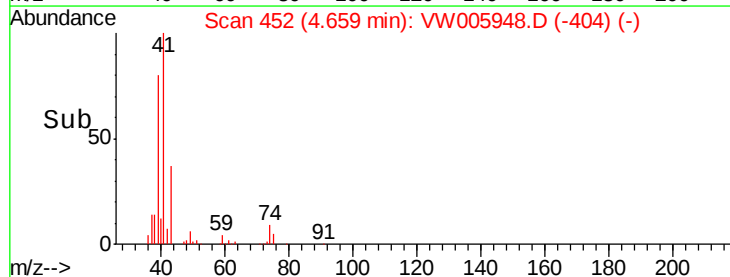
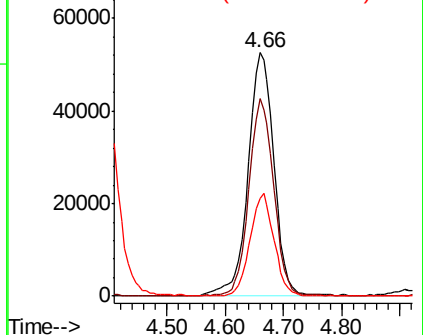
76 39.2 29.6 44.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 274.940 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

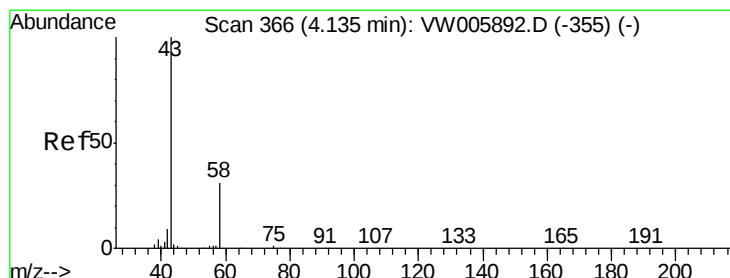
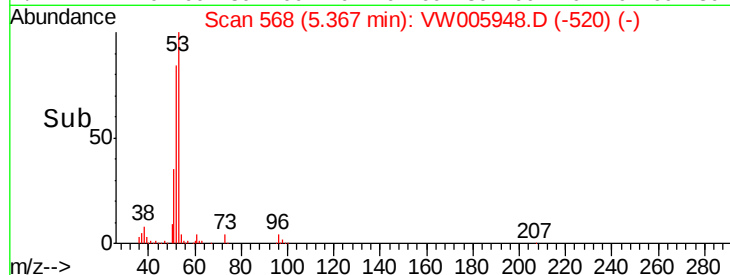
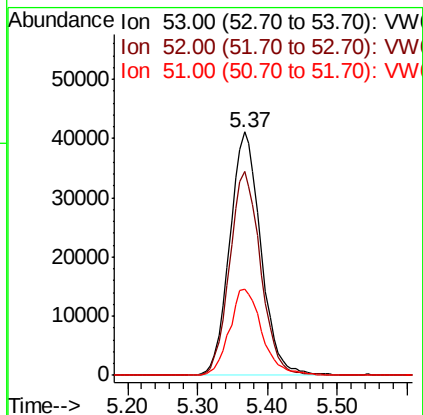
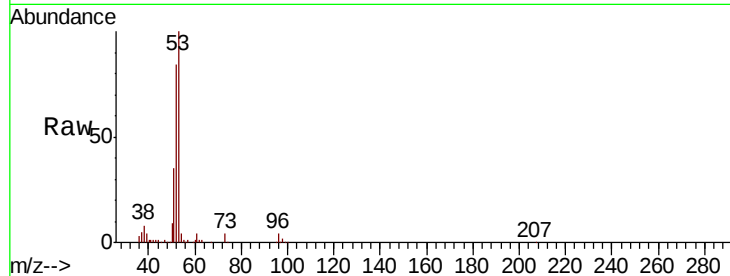
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	127069
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.8	100.2
51	37.0	29.8	44.6

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#16

Acetone

Concen: 256.413 ug/l

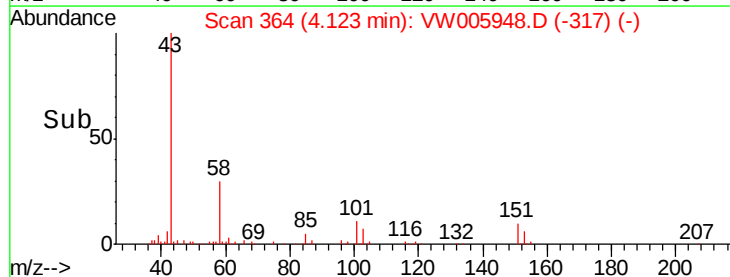
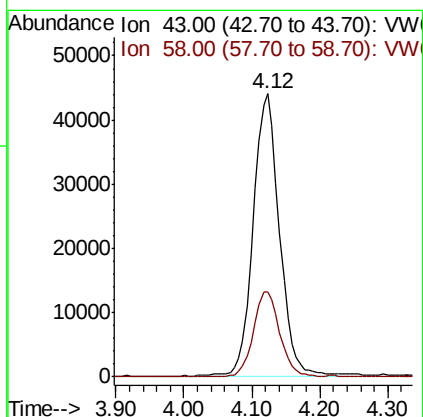
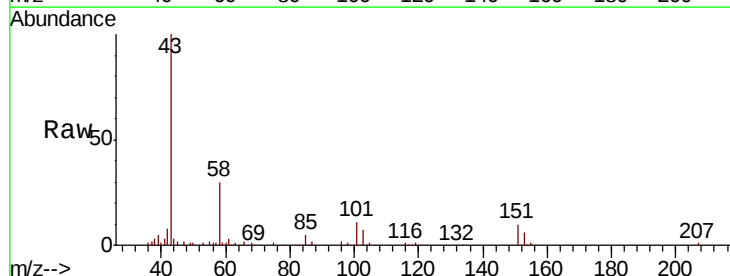
RT: 4.12 min Scan# 364

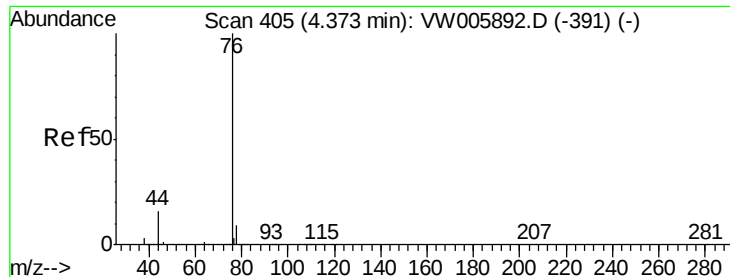
Delta R.T. -0.01 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Tgt Ion:	43	Resp:	118109
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.7	37.1





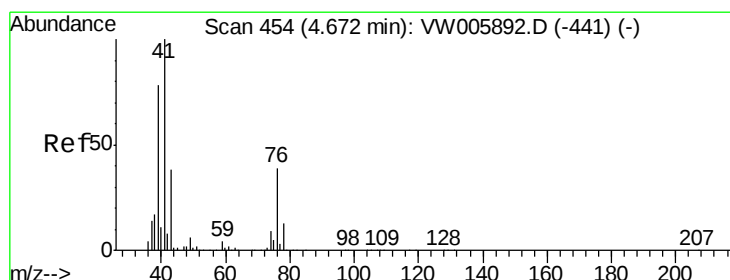
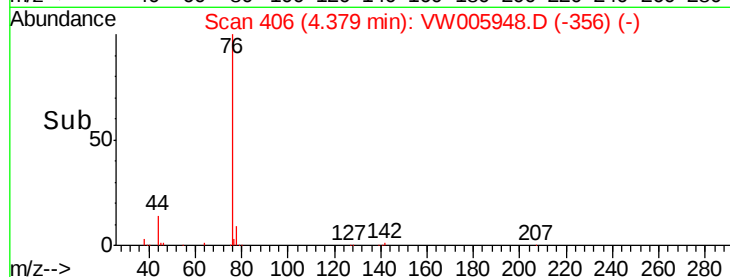
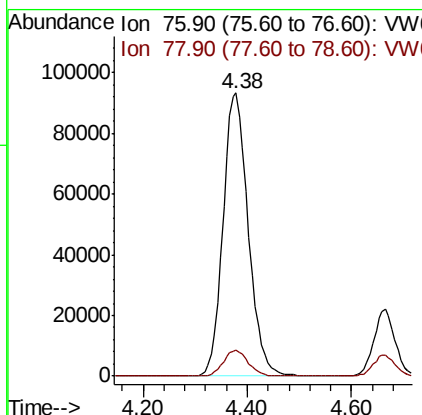
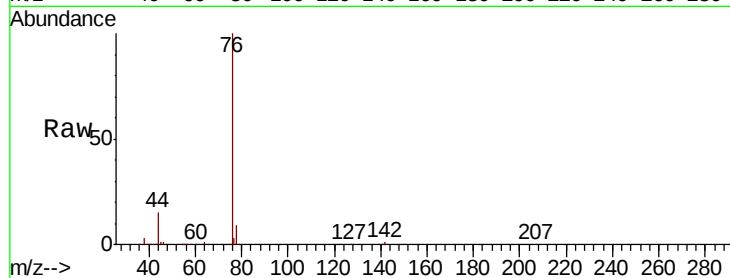
#17
Carbon Disulfide
Concen: 49.903 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

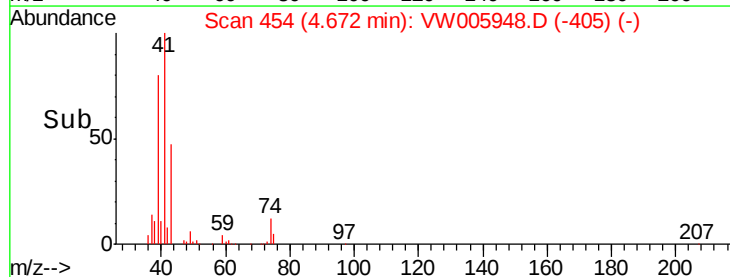
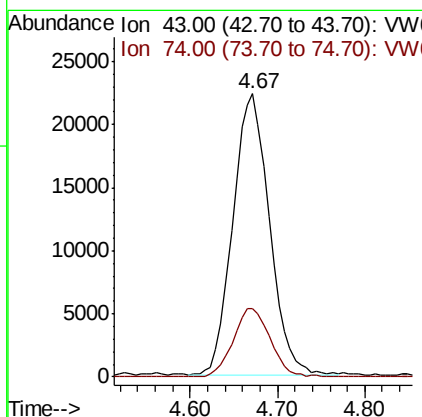
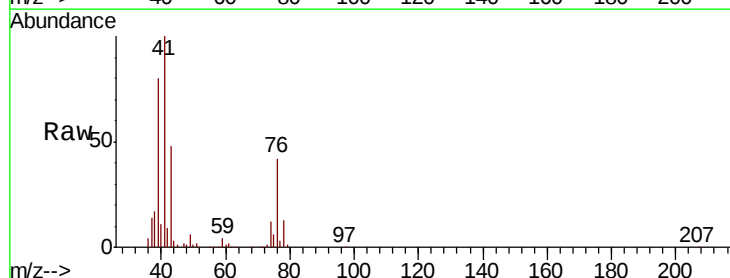
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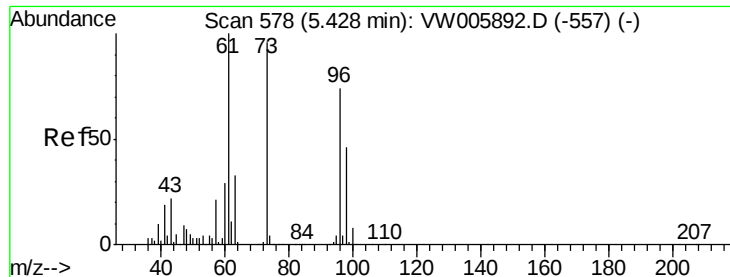
apatel
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#18
Methyl Acetate
Concen: 55.552 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.2	28.8





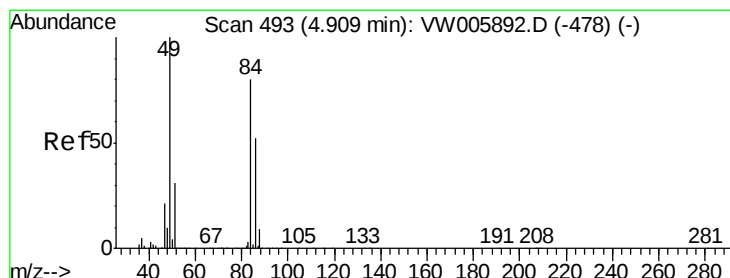
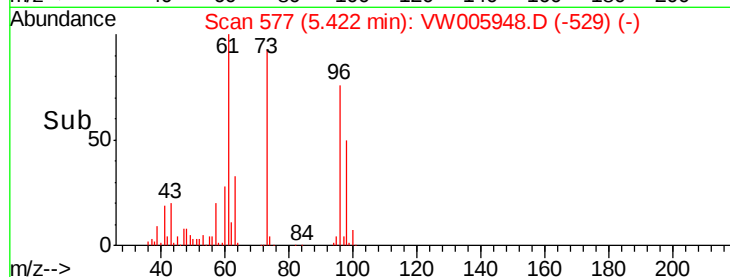
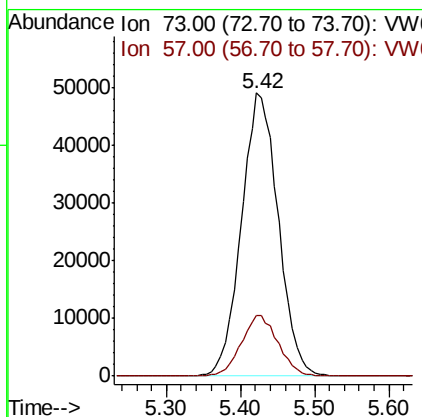
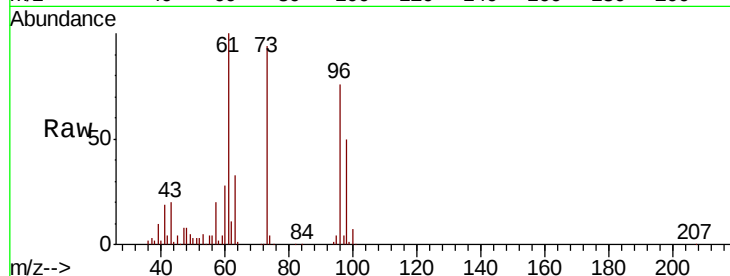
#19
Methyl tert-butyl Ether
Concen: 52.350 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.7	26.5

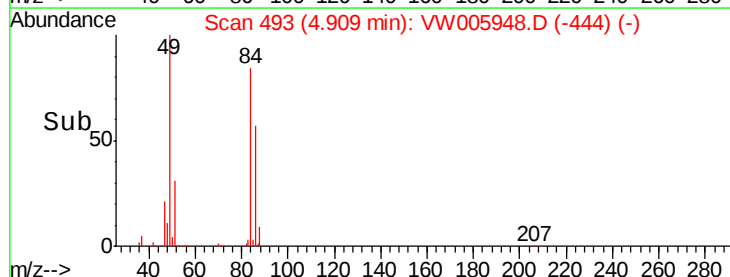
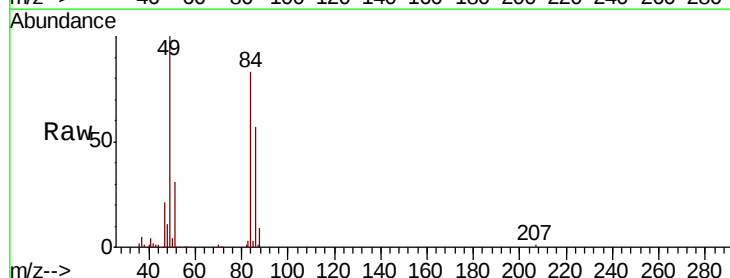
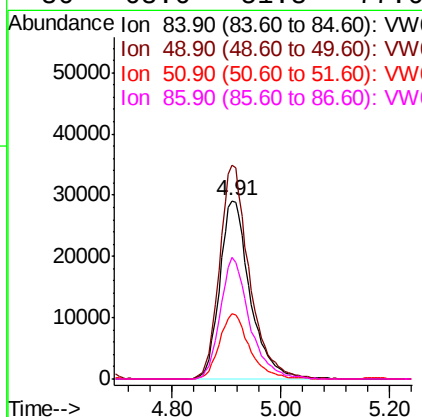
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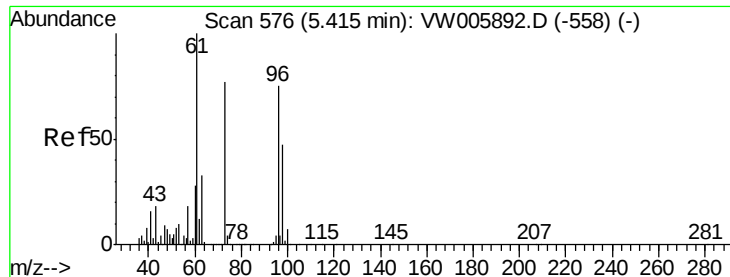
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#20
Methylene Chloride
Concen: 48.942 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.0	99.9	149.9
51	36.9	31.1	46.7
86	68.6	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 52.969 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

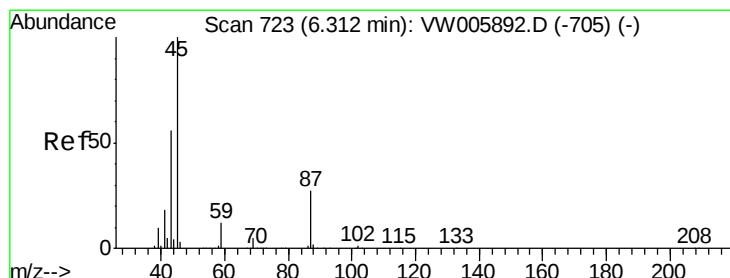
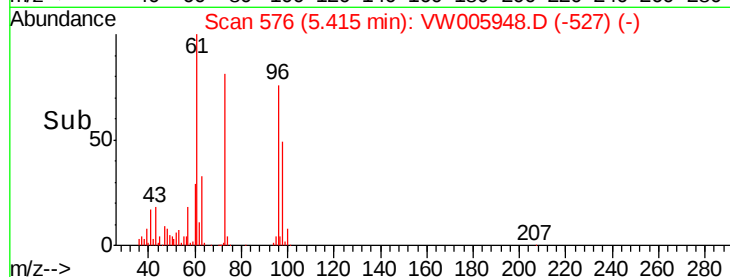
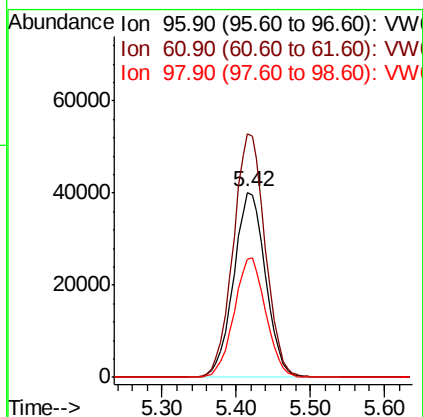
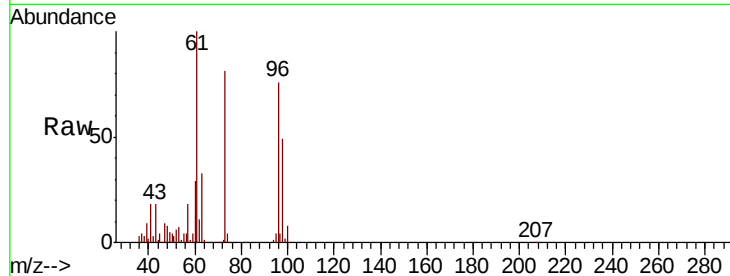
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	120728
Ion	Ratio	Lower	Upper
96	100		
61	131.4	107.4	161.0
98	63.8	50.8	76.2

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#22

Diisopropyl ether

Concen: 48.338 ug/l

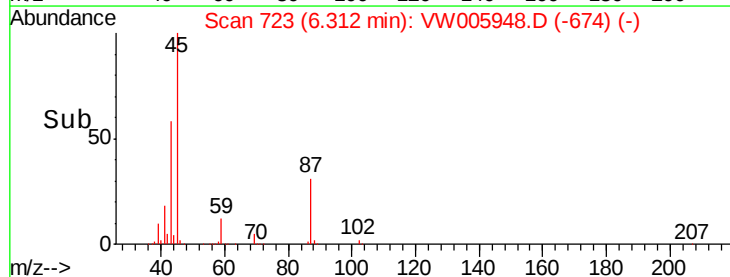
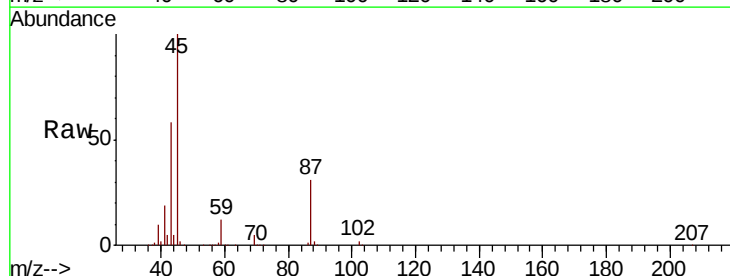
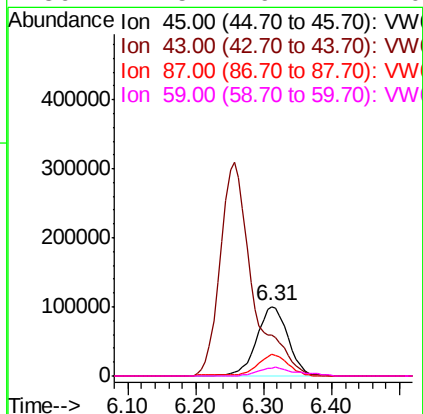
RT: 6.31 min Scan# 723

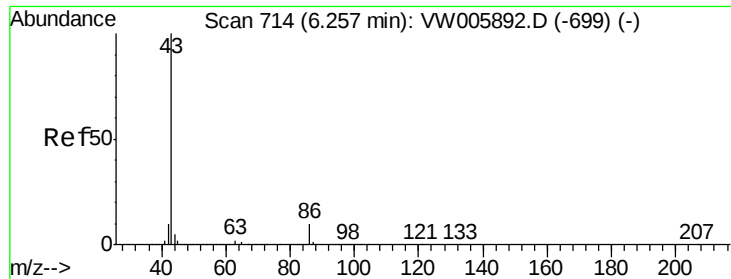
Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Tgt Ion:	45	Resp:	322238
Ion	Ratio	Lower	Upper
45	100		
43	58.1	45.9	68.9
87	31.0	22.2	33.4
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 248.578 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1019936

Ion Ratio Lower Upper

43 100

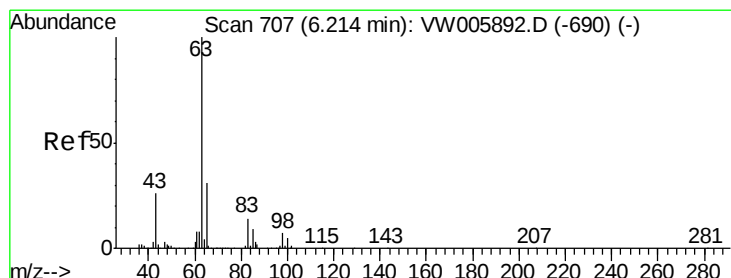
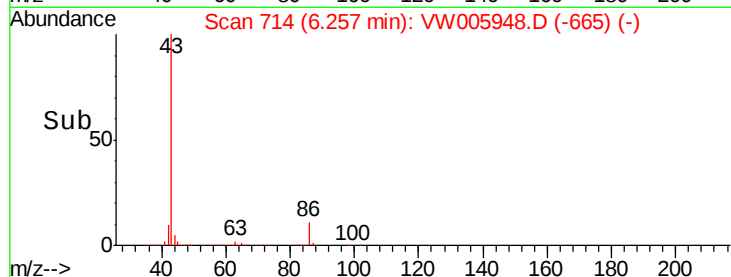
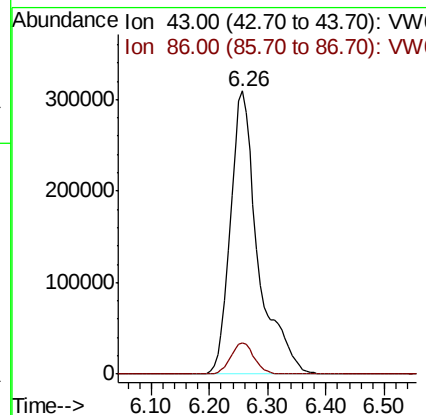
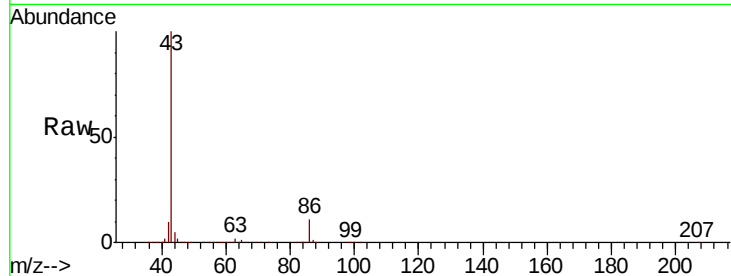
86 11.0 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 49.805 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

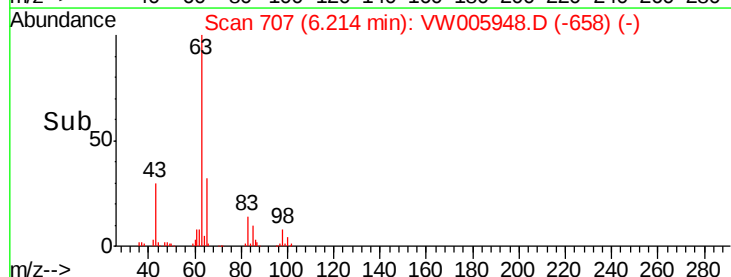
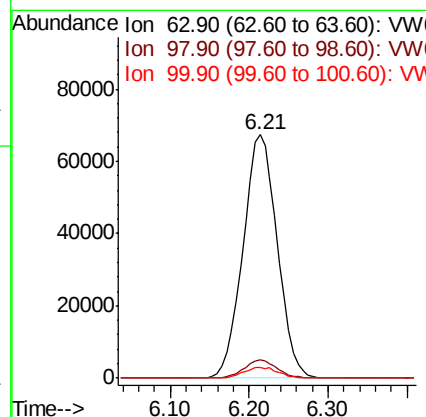
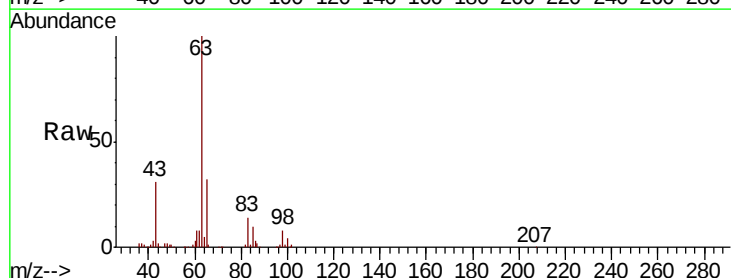
Tgt Ion: 63 Resp: 203182

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.6

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 265.160 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 173720

Ion Ratio Lower Upper

43 100

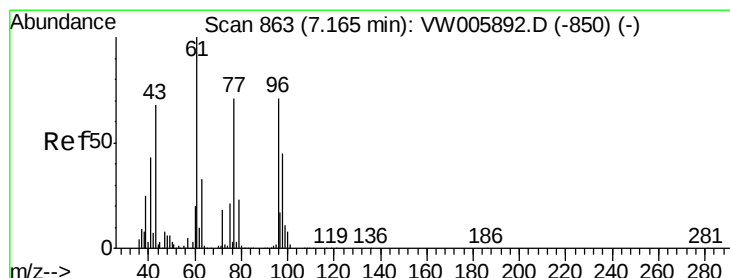
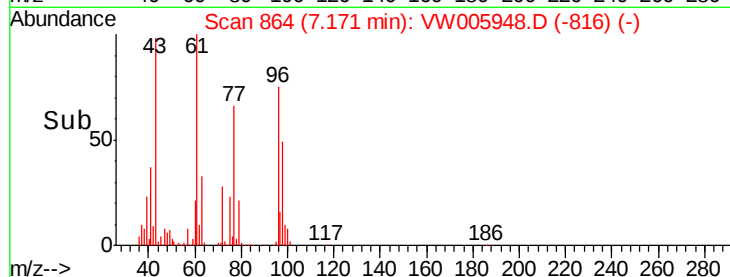
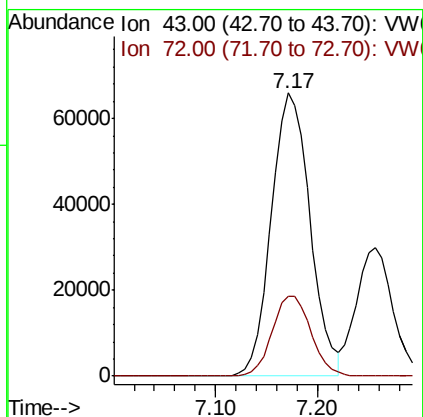
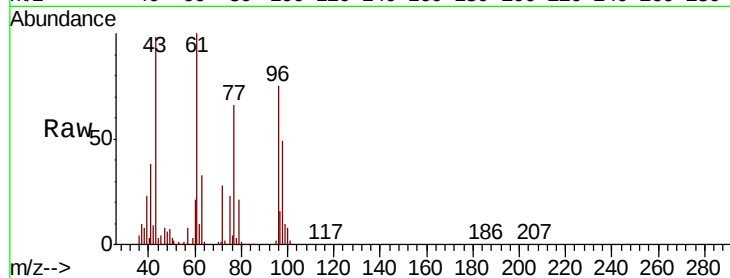
72 28.2 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 46.011 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005948.D

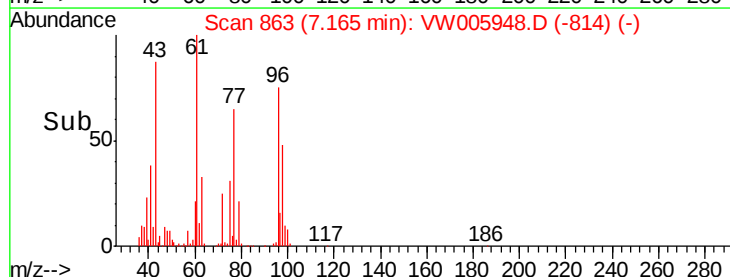
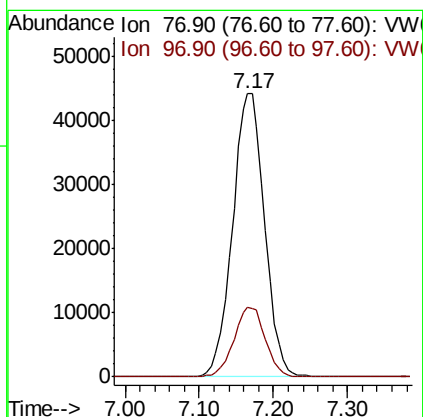
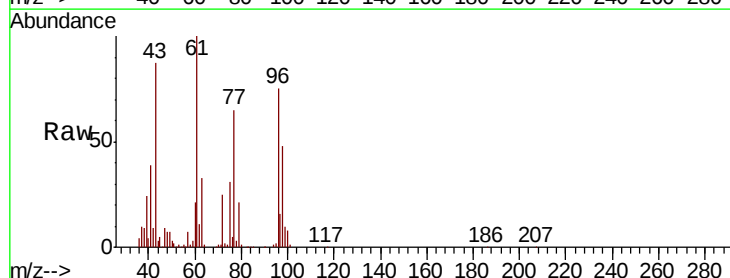
Acq: 09 Oct 2018 19:46

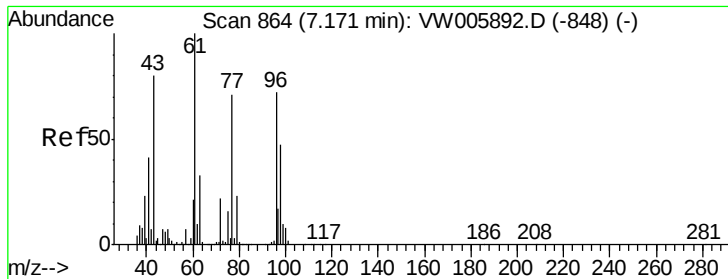
Tgt Ion: 77 Resp: 132102

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.7





#27

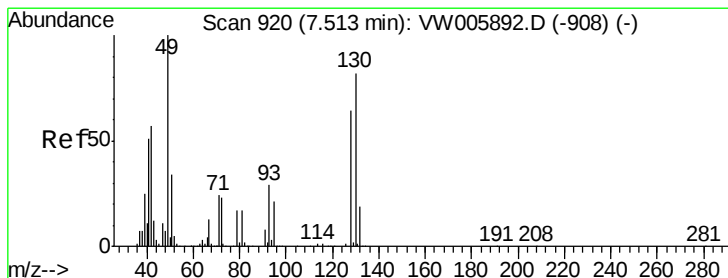
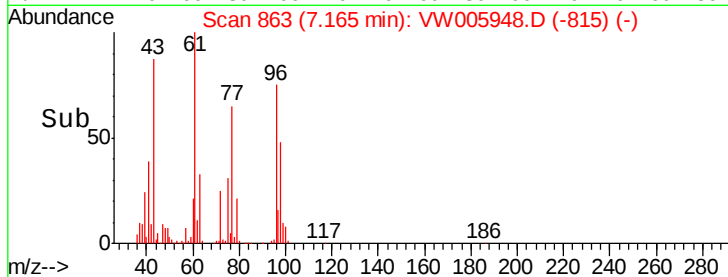
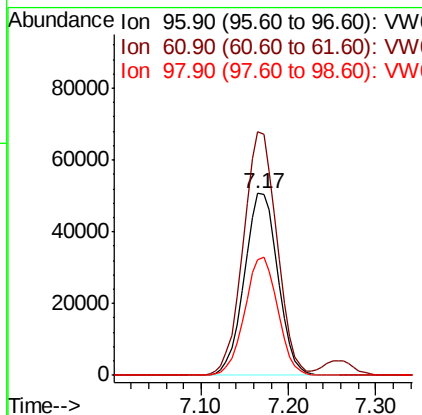
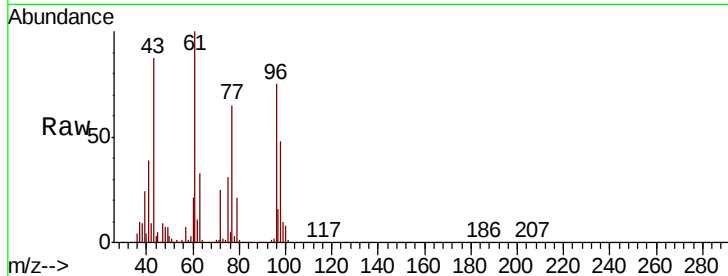
cis-1,2-Dichloroethene
 Concen: 52.425 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.4	0.0	284.0
98	64.1	0.0	129.8

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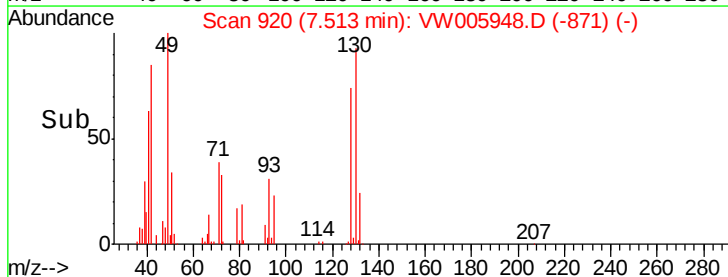
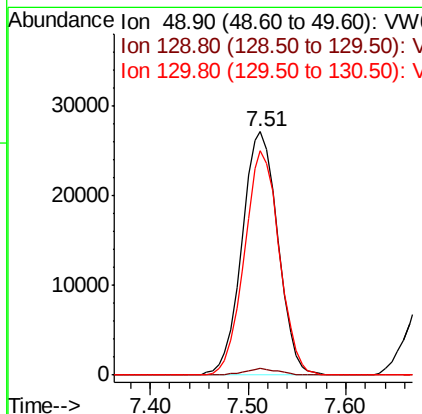
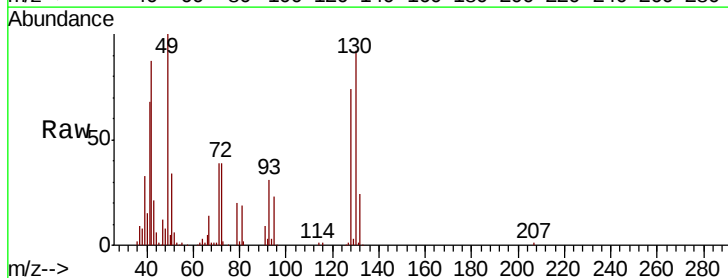
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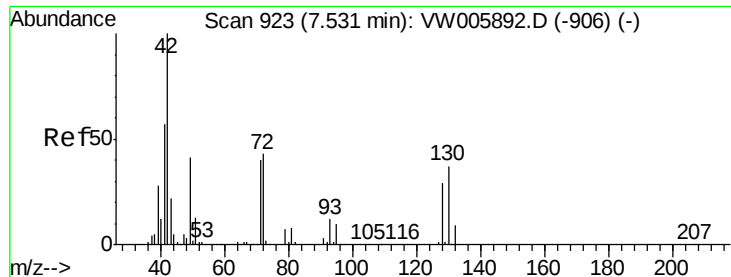


#28

Bromochloromethane
 Concen: 45.860 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	89.7	66.9	100.3





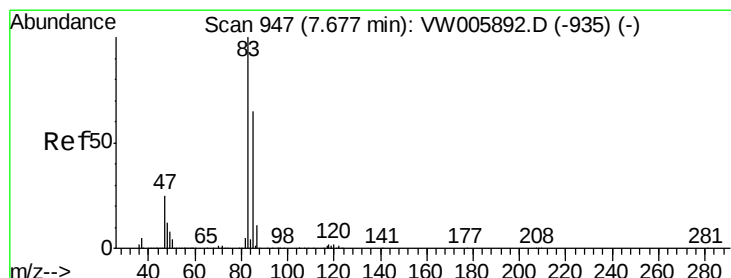
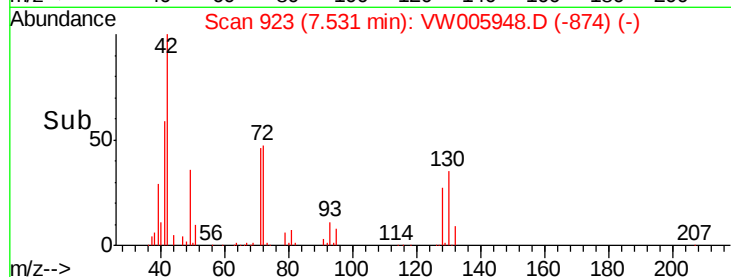
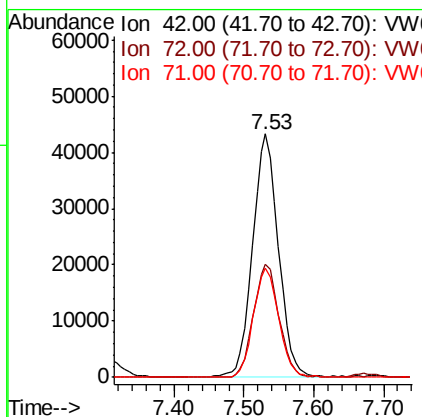
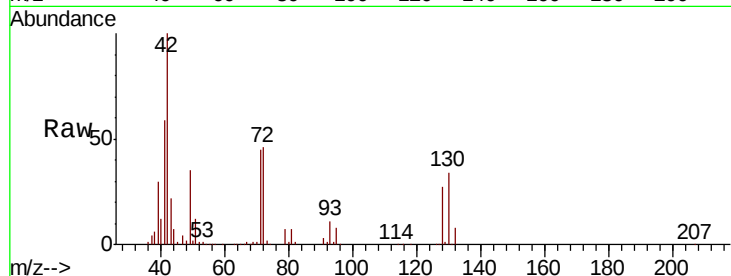
#29
Tetrahydrofuran
Concen: 267.953 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	34.6	51.8
71	44.1	32.6	49.0

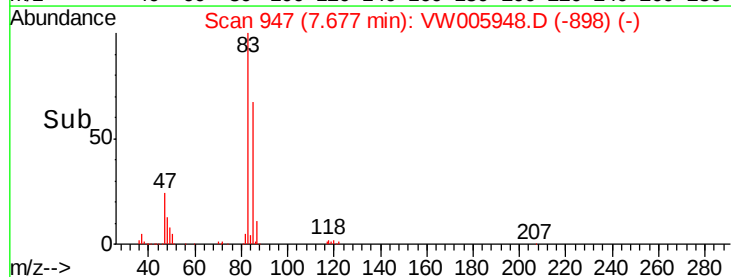
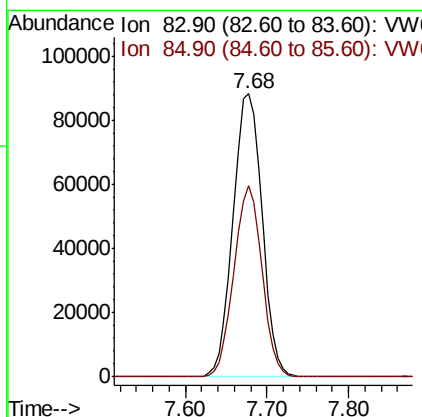
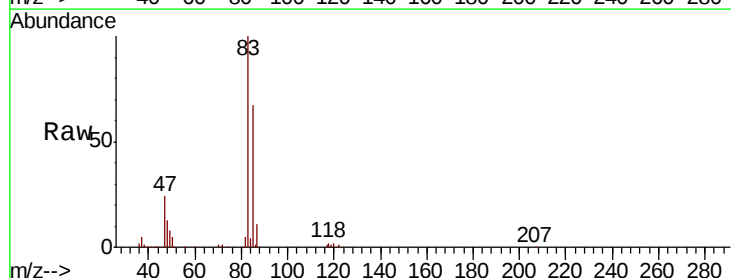
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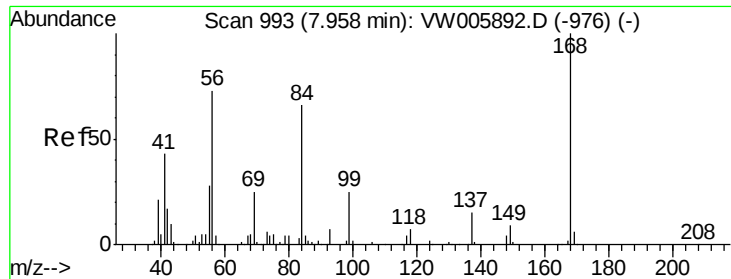
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#30
Chloroform
Concen: 51.932 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	51.6	77.4





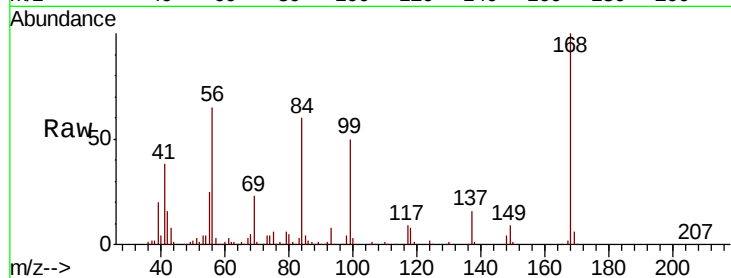
#31
Cyclohexane
Concen: 46.191 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	27.9	41.9
84	90.7	72.3	108.5

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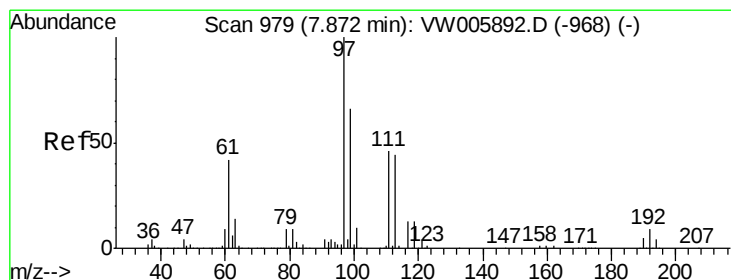
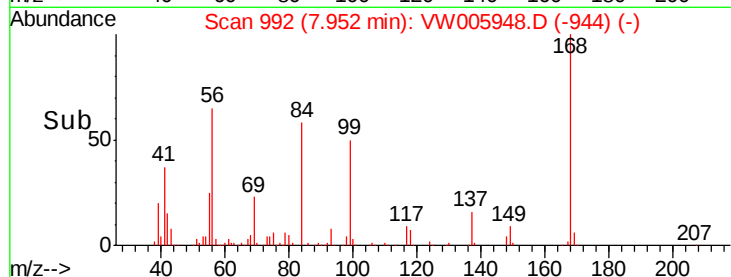
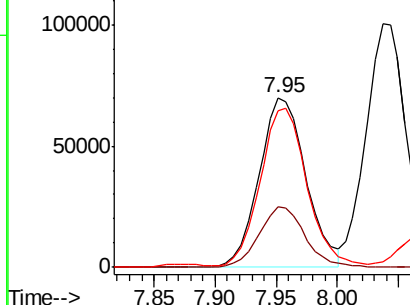


Abundance

Ion 56.00 (55.70 to 56.70): VW

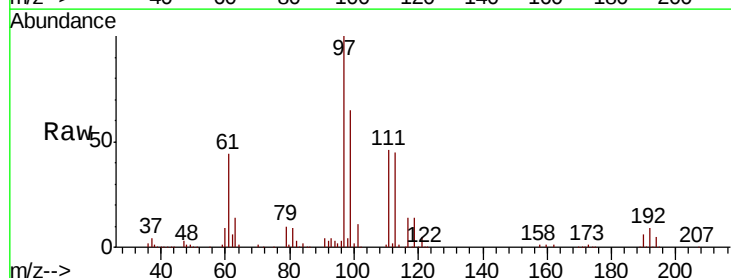
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 50.133 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	42.8	34.5	51.7

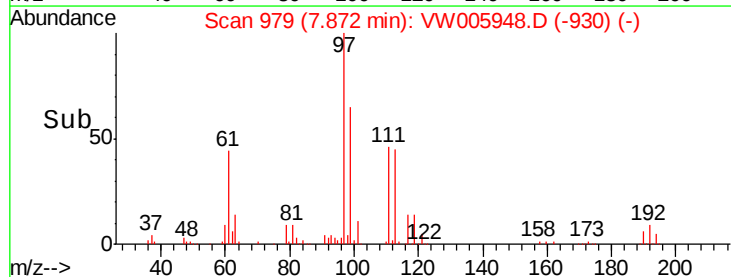
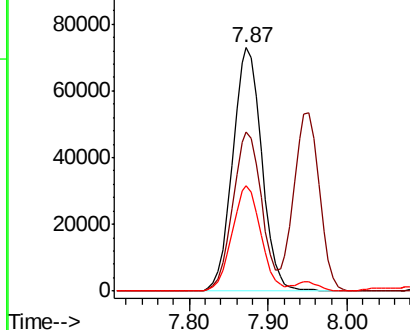


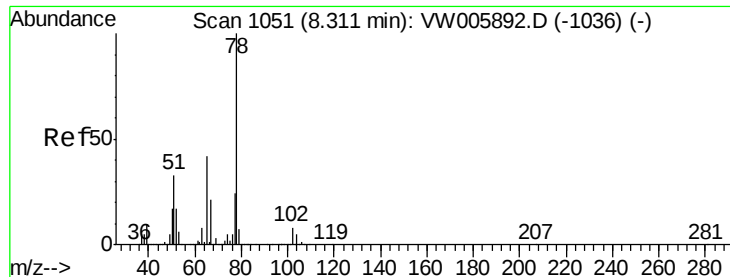
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





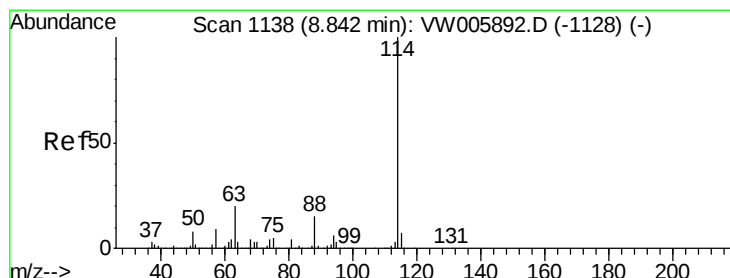
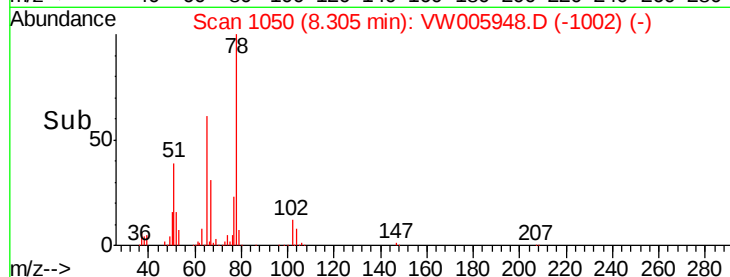
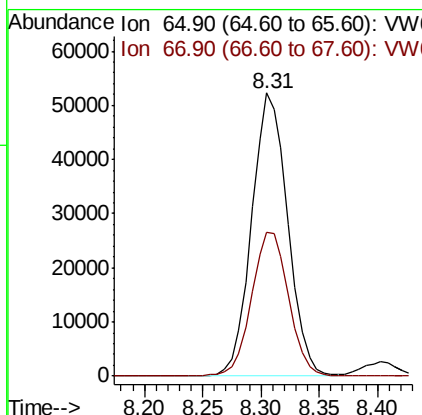
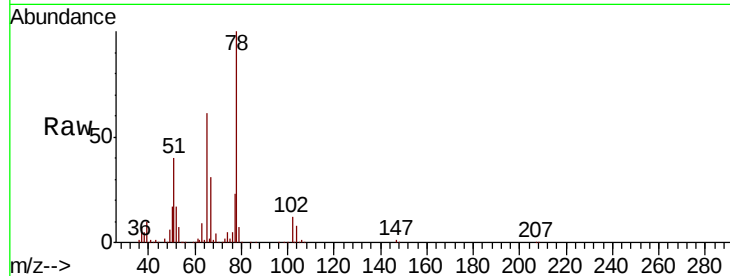
#33
 1,2-Dichloroethane-d4
 Concen: 48.846 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	104.6	

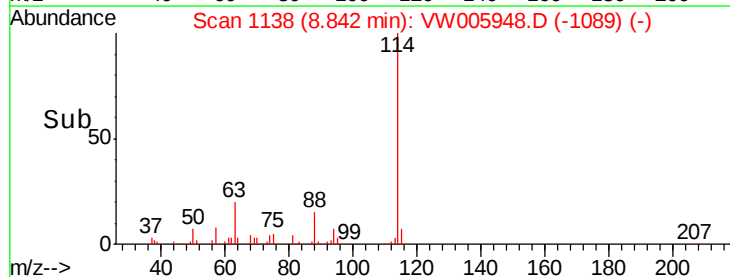
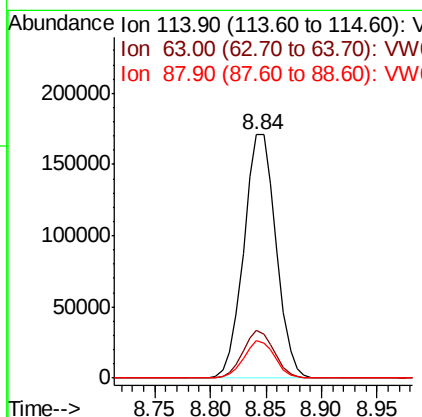
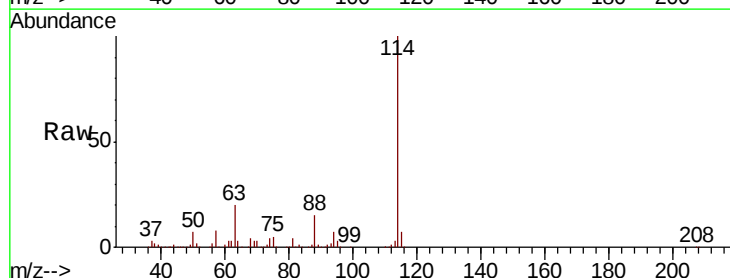
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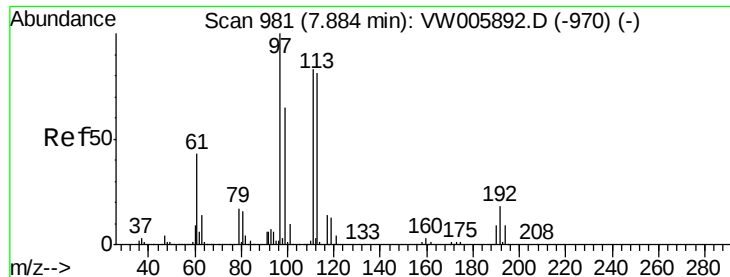
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.7	0.0	39.2	
88	15.4	0.0	30.8	





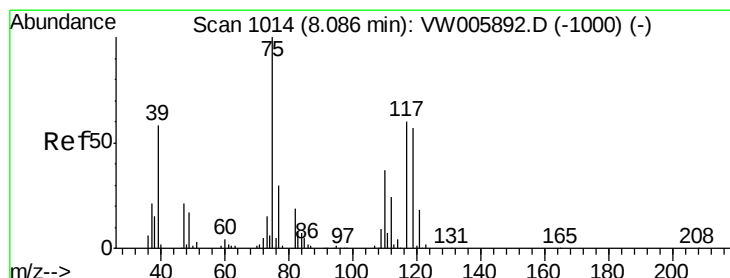
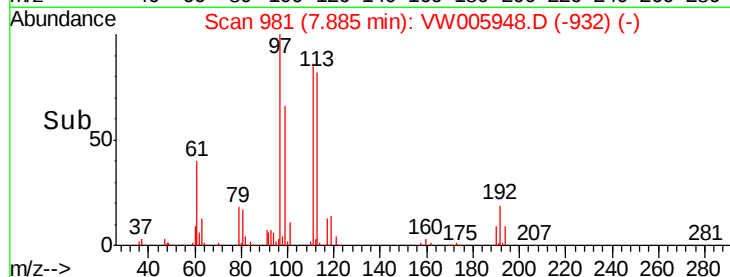
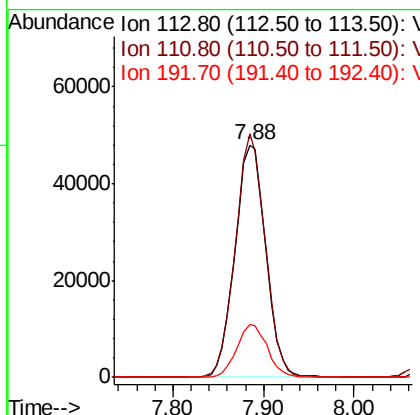
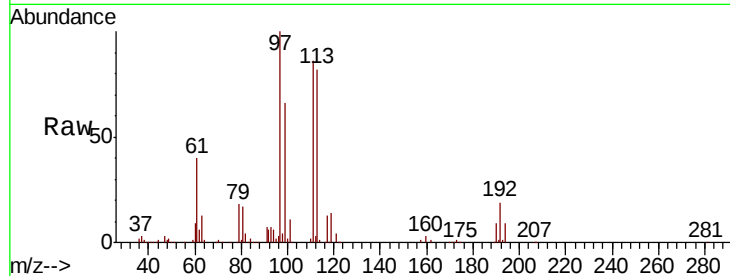
#35
 Dibromofluoromethane
 Concen: 51.443 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	22.5	18.3	27.5

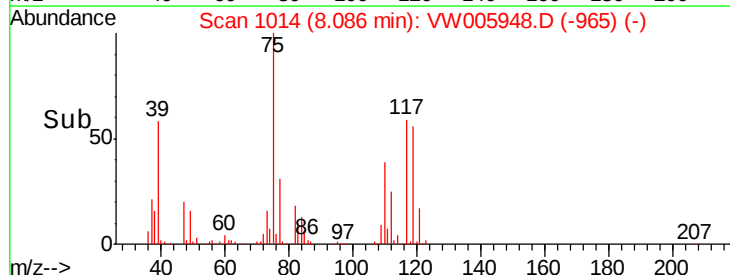
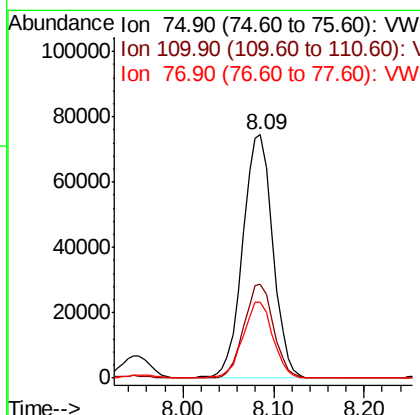
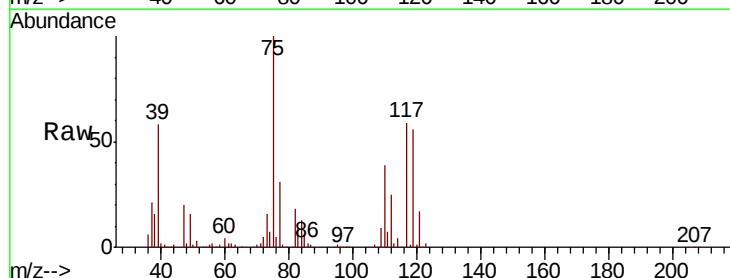
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#36
 1,1-Dichloropropene
 Concen: 51.876 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.6	56.0
77	31.3	24.7	37.1





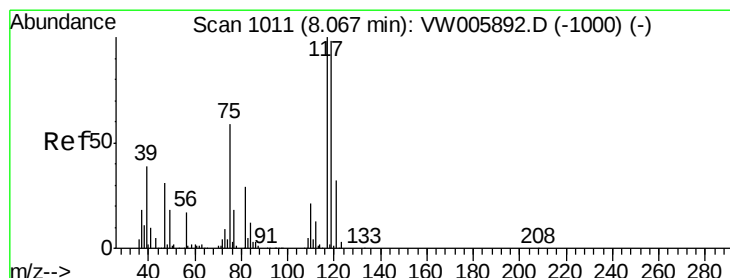
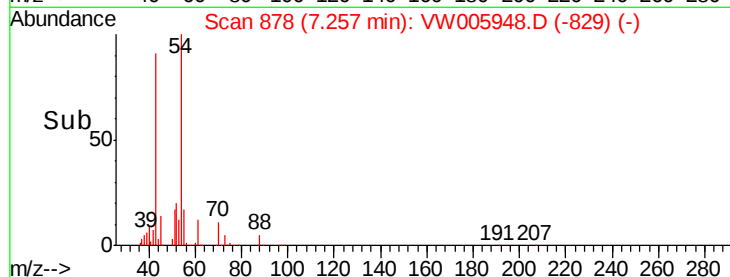
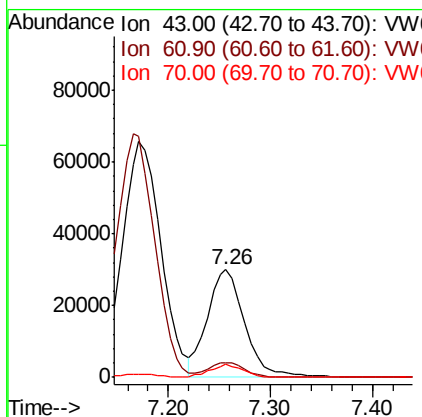
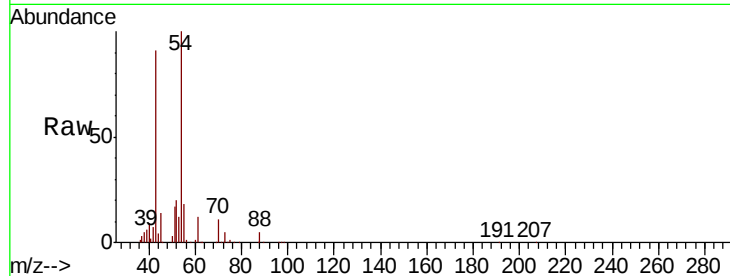
#37
Ethyl Acetate
Concen: 54.089 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	75737
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.6	16.0
70	10.6	8.6	13.0

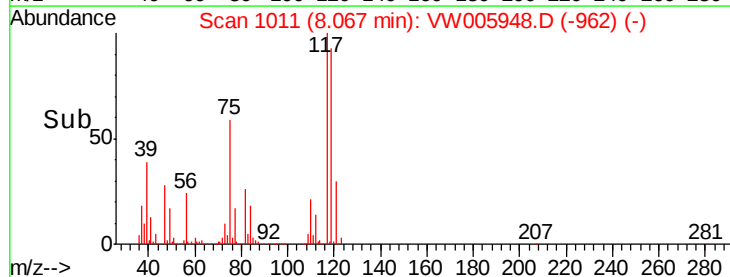
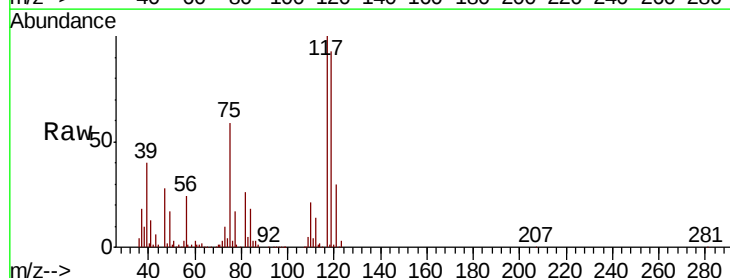
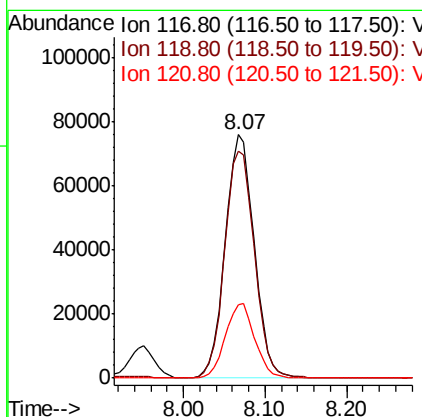
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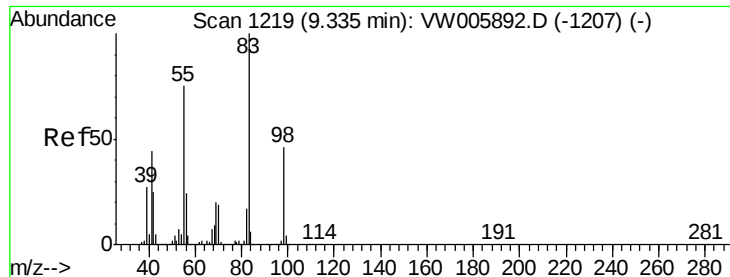
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#38
Carbon Tetrachloride
Concen: 52.327 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion:	117	Resp:	185890
Ion	Ratio	Lower	Upper
117	100		
119	93.0	78.6	117.8
121	30.1	25.3	37.9





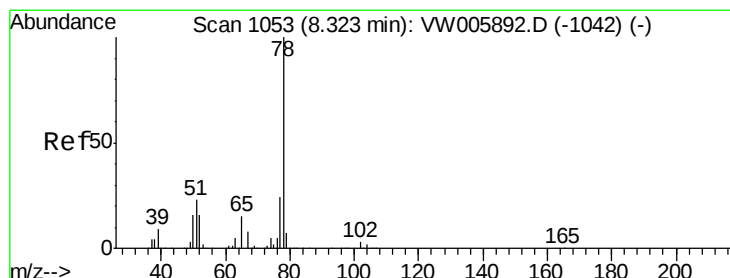
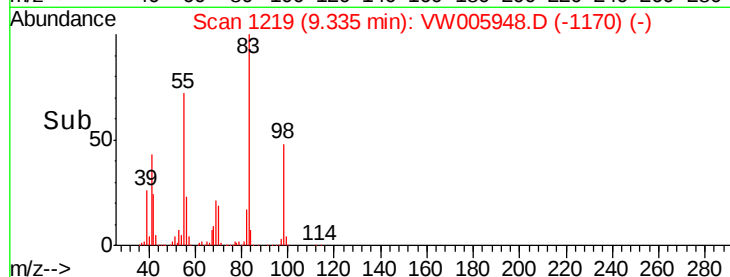
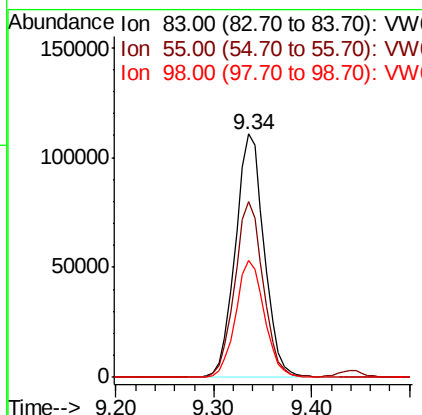
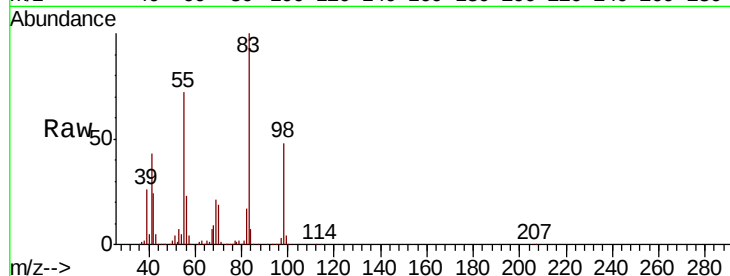
#39
Methvlcvclohexane
Concen: 51.784 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.0	59.8	89.6
98	48.0	37.1	55.7

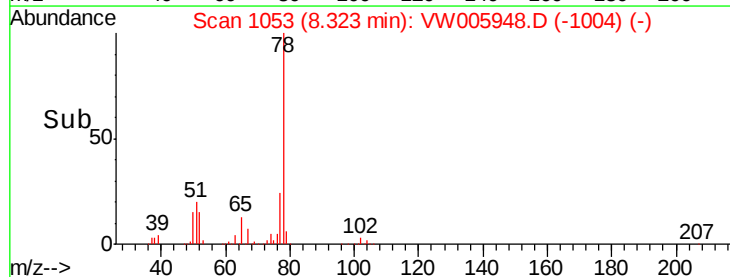
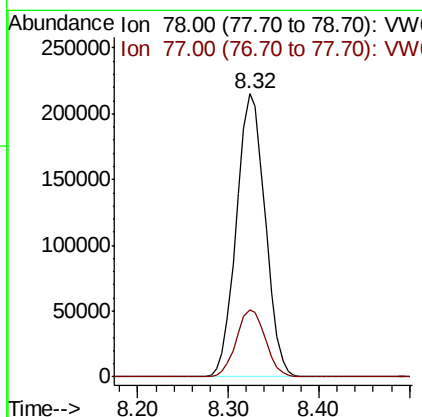
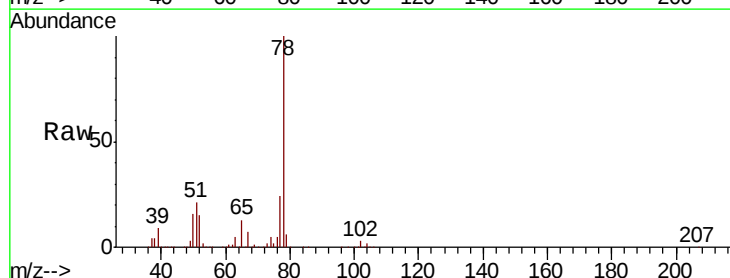
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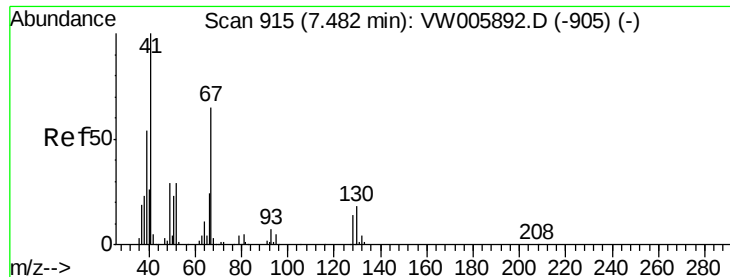
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#40
Benzene
Concen: 52.380 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





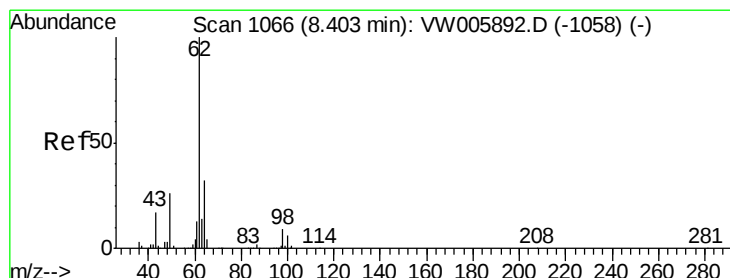
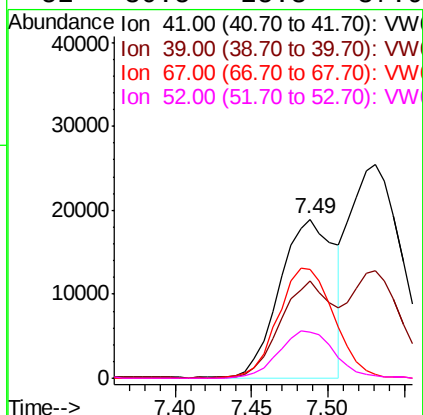
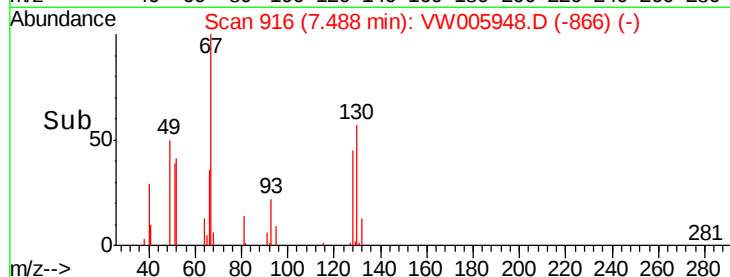
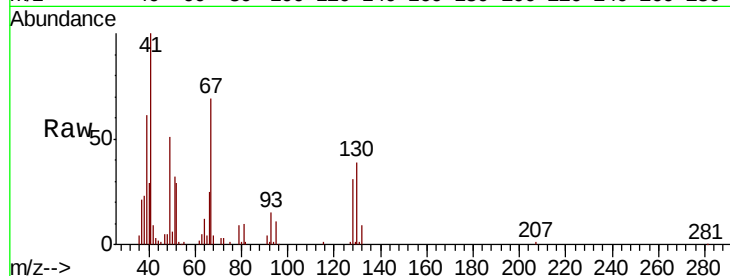
#41
Methacrylonitrile
Concen: 53.894 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.7	45.0	67.4
67	70.9	55.8	83.8
52	30.5	25.3	37.9

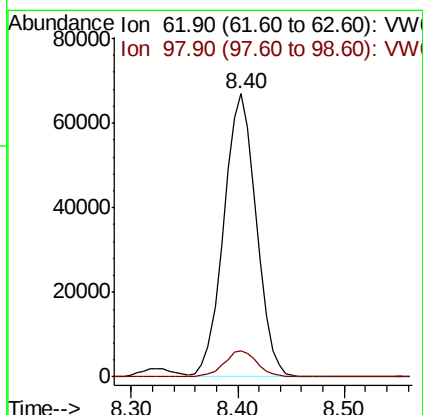
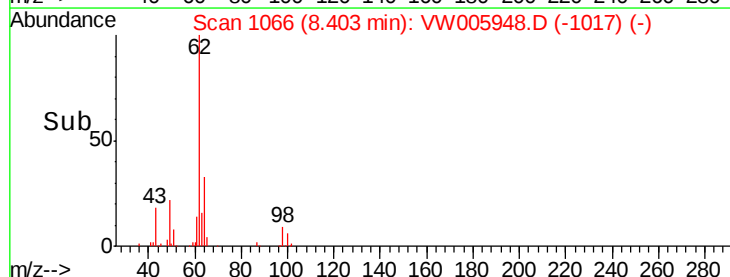
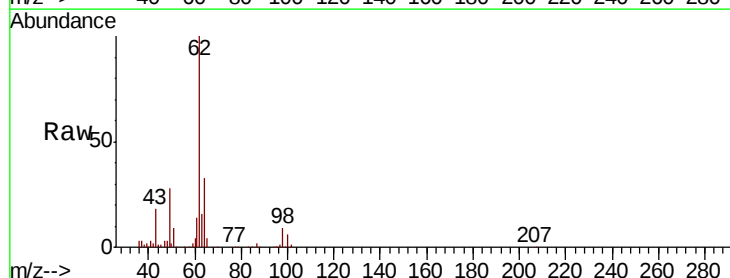
Manual Integrations
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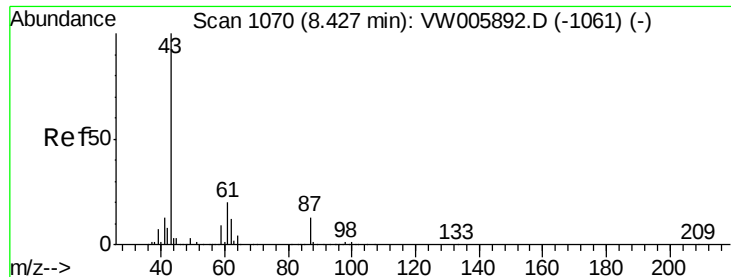
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#42
1,2-Dichloroethane
Concen: 52.315 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0





#43

Isopropyl Acetate

Concen: 52.024 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

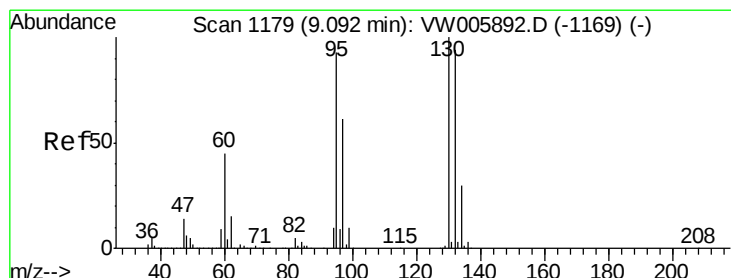
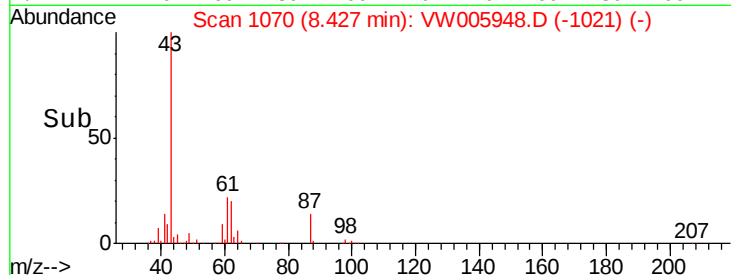
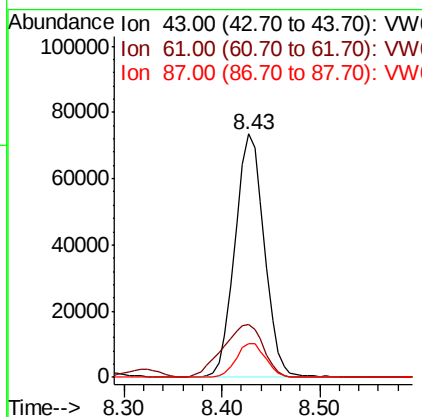
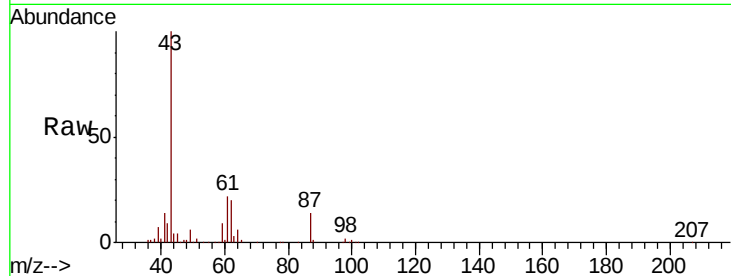
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	152169
Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.1	34.7
87	14.4	10.7	16.1

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#44

Trichloroethene

Concen: 54.649 ug/l

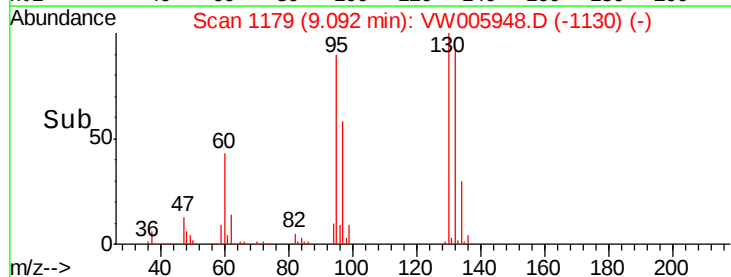
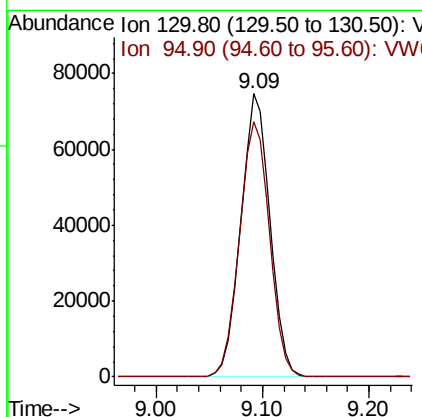
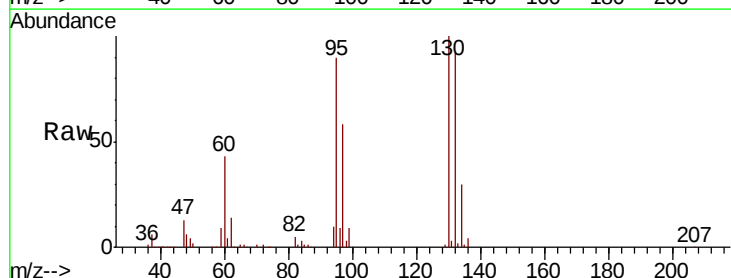
RT: 9.09 min Scan# 1179

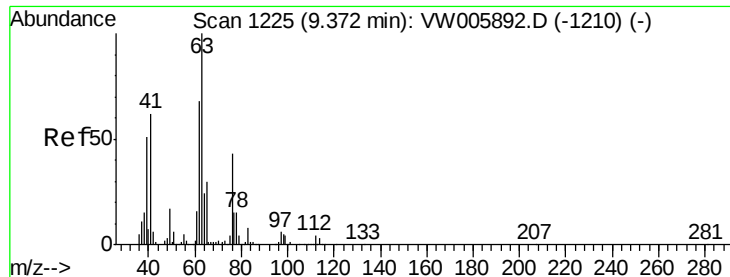
Delta R.T. 0.00 min

Lab File: VW005948.D

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Tgt Ion:	130	Resp:	143493
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	185.6





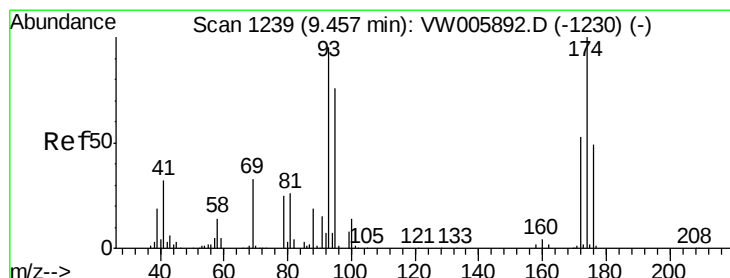
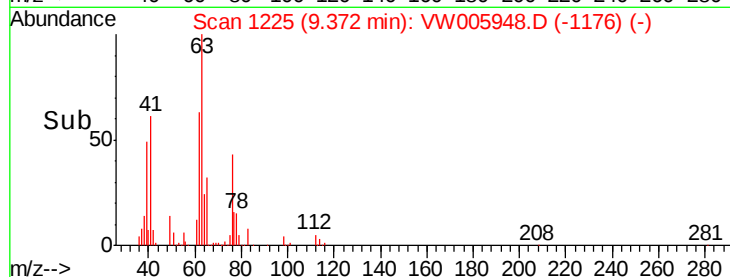
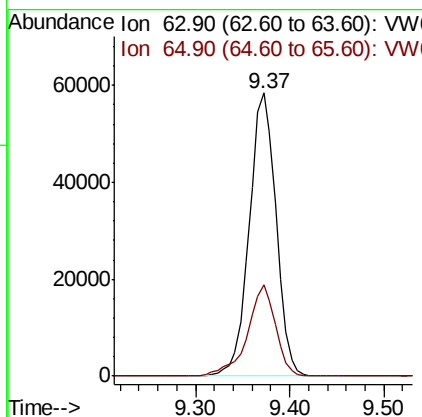
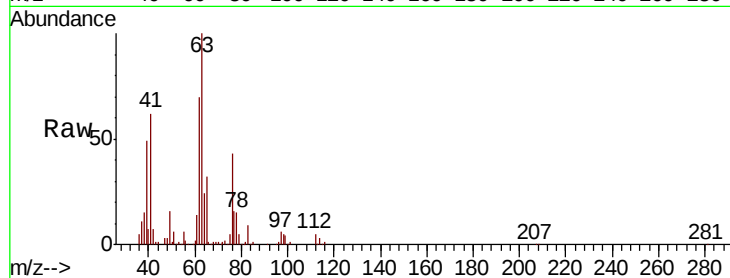
#45
 1,2-Dichloropropane
 Concen: 51.166 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.3	36.5

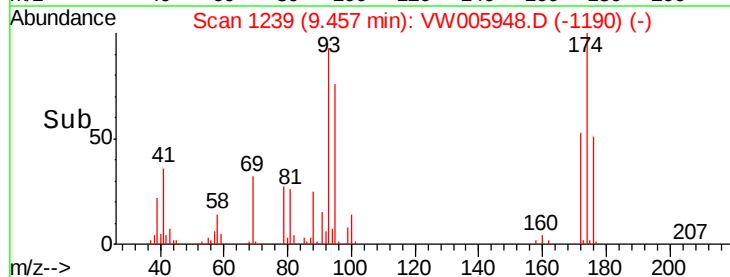
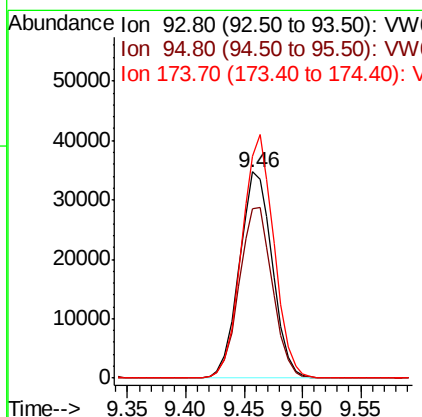
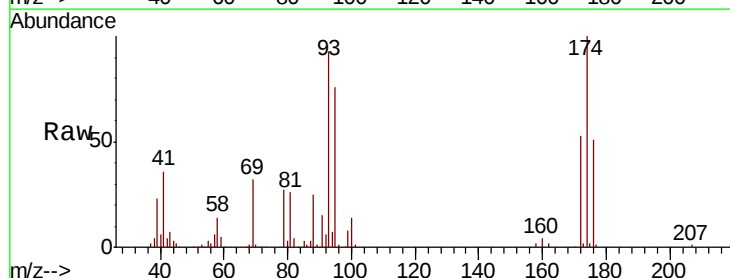
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#46
 Dibromomethane
 Concen: 55.018 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.6	99.8
174	114.6	90.4	135.6





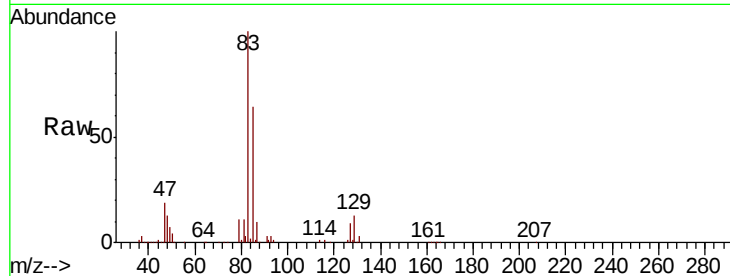
#47
Bromodichloromethane
Concen: 51.743 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	162108		
85	64.3	53.0	79.6	
127	9.5	7.4	11.0	

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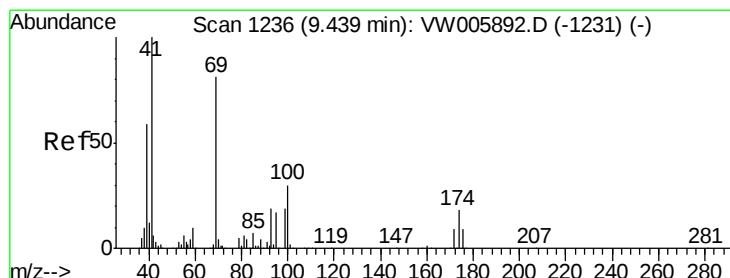
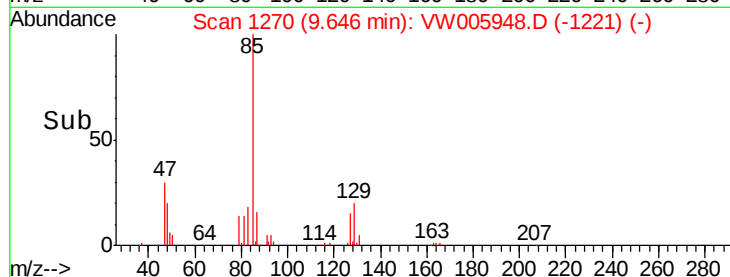
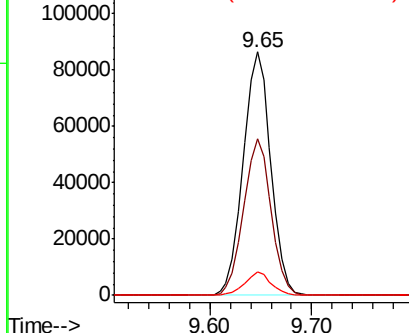


Abundance

Ion 82.90 (82.60 to 83.60): VW

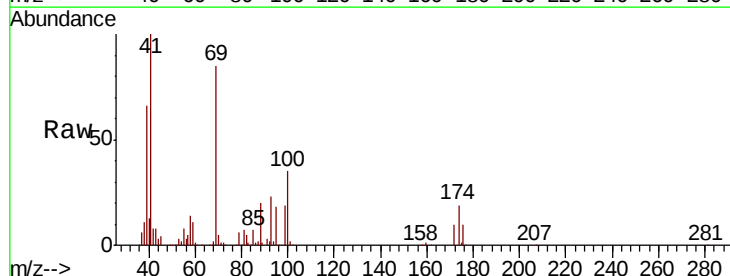
Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48
Methyl methacrylate
Concen: 51.809 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	72189		
69	89.8	68.7	103.1	
39	64.7	50.0	75.0	

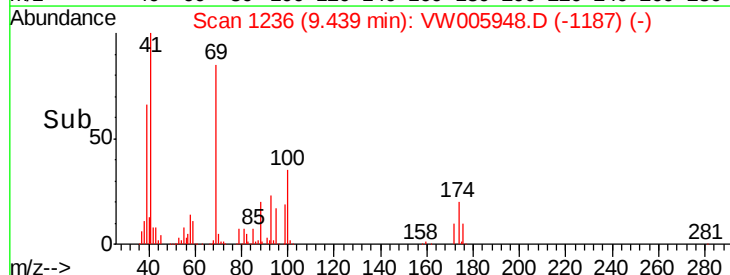
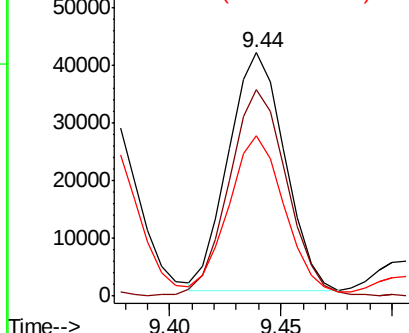


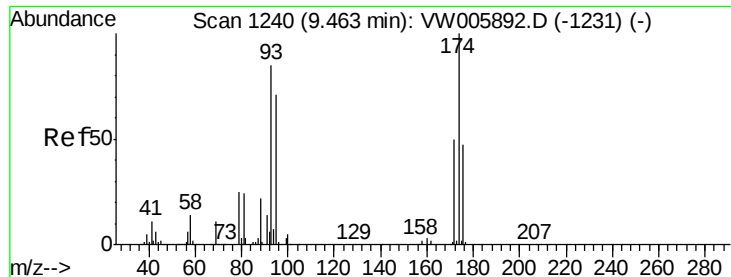
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





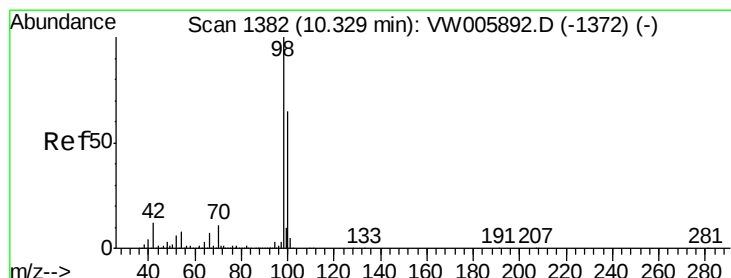
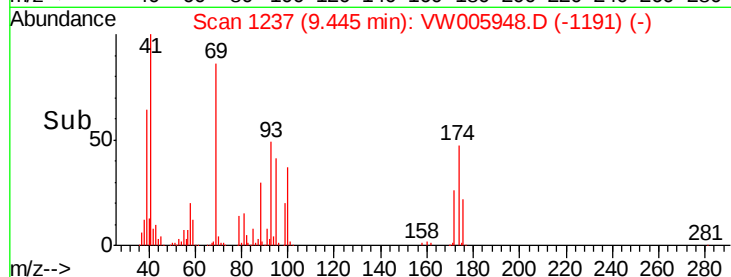
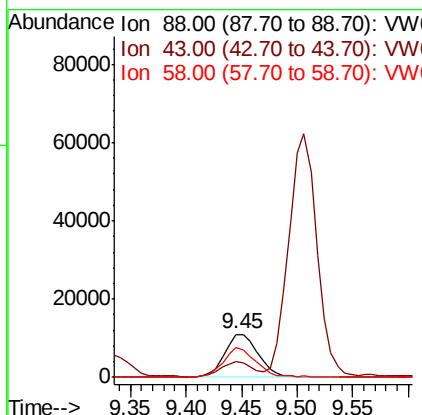
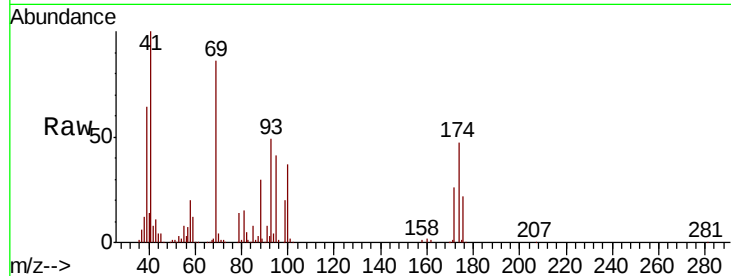
#49
1,4-Dioxane
Concen: 1237.367 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	23400
Ion	Ratio	Lower	Upper
88	100		
43	32.9	0.0	0.0#
58	65.0	57.7	86.5

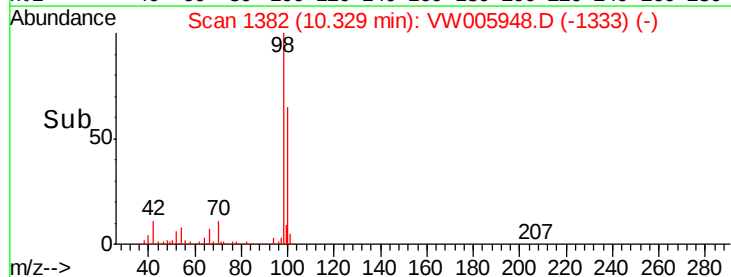
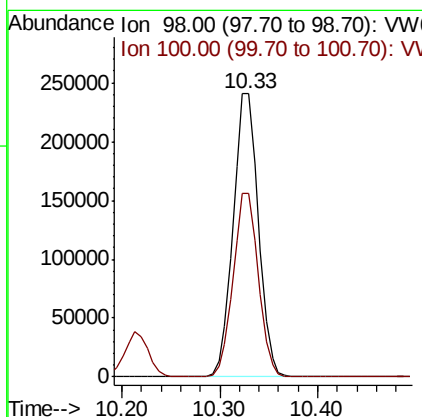
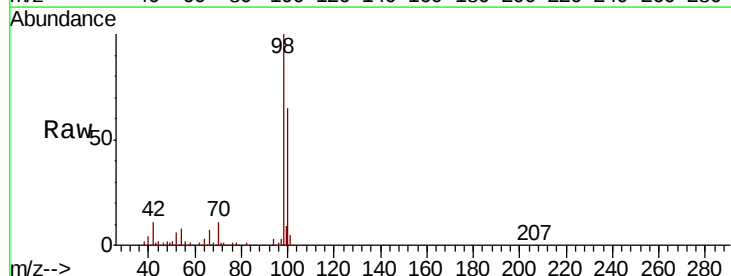
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#50
Toluene-d8
Concen: 50.840 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	98	Resp	430950
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 273.174 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 389091

Ion Ratio Lower Upper

43 100

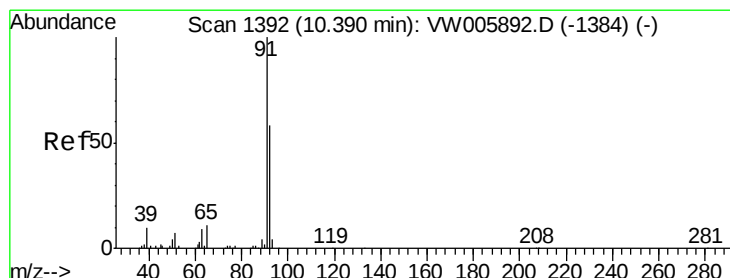
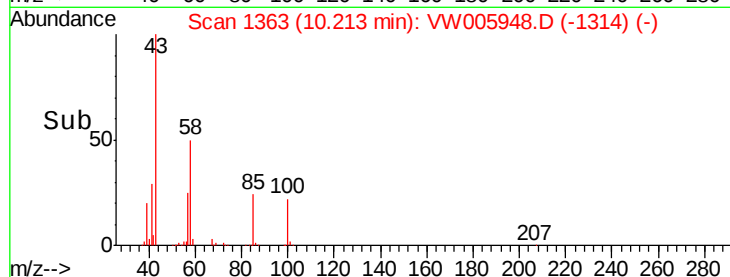
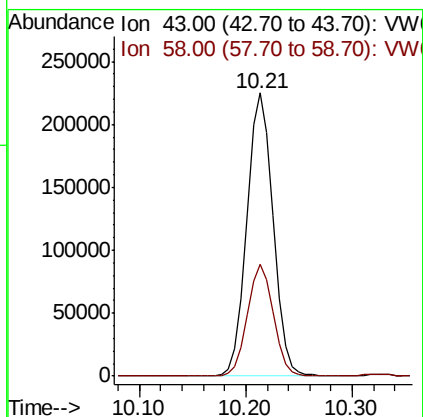
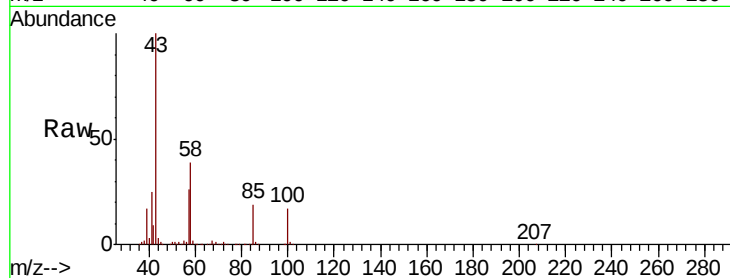
58 39.1 30.2 45.4

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#52

Toluene

Concen: 52.990 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005948.D

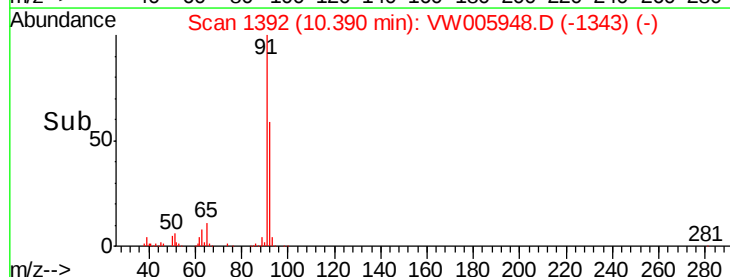
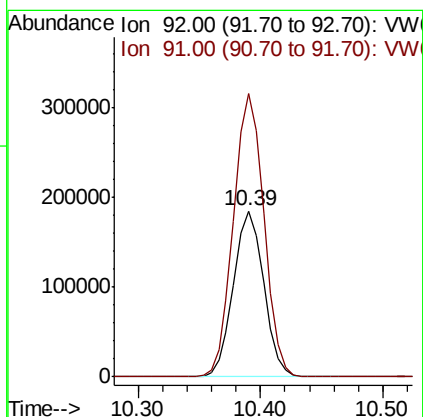
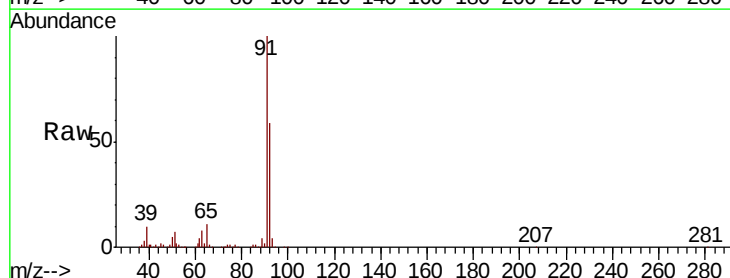
Acq: 09 Oct 2018 19:46

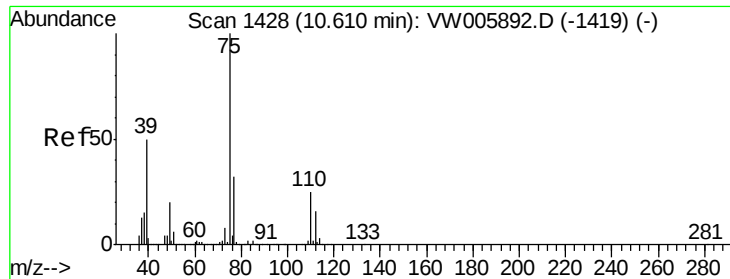
Tgt Ion: 92 Resp: 315041

Ion Ratio Lower Upper

92 100

91 172.3 138.2 207.4





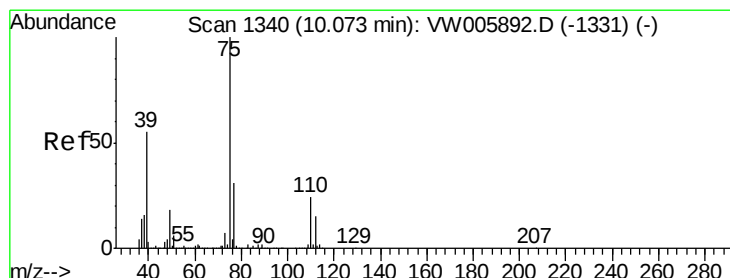
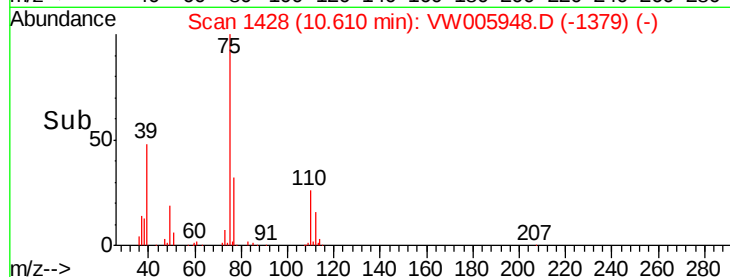
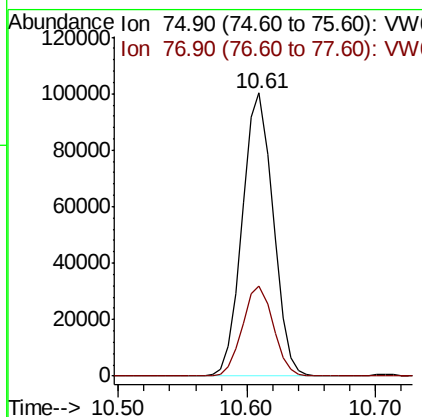
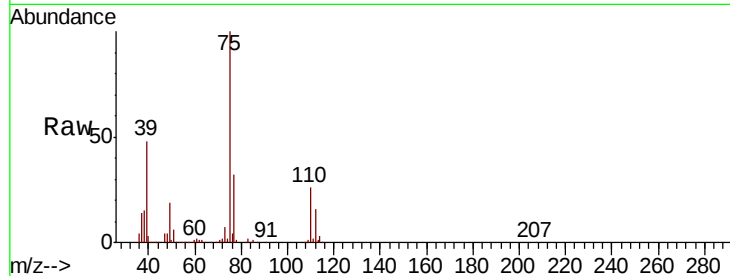
#53
t-1,3-Dichloropropene
Concen: 50.590 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2

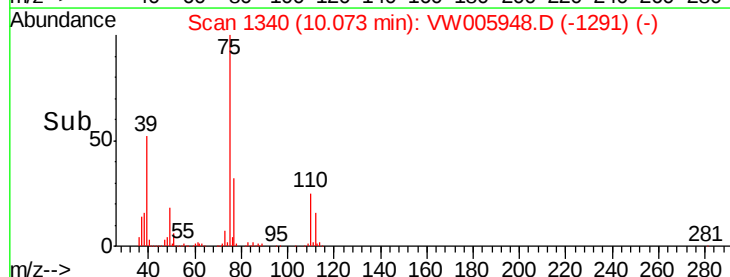
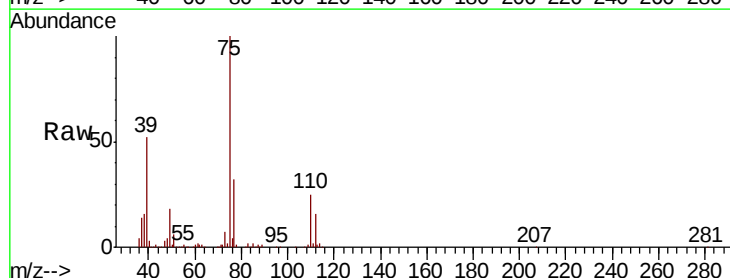
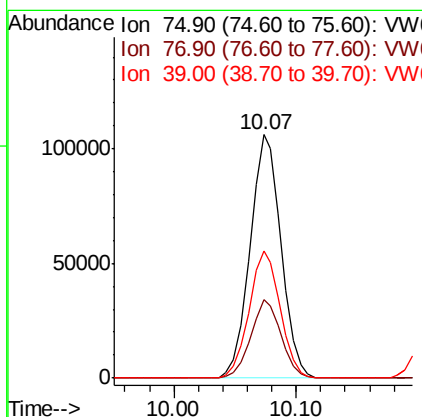
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#54
cis-1,3-Dichloropropene
Concen: 50.722 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.6	37.0
39	52.1	44.2	66.4





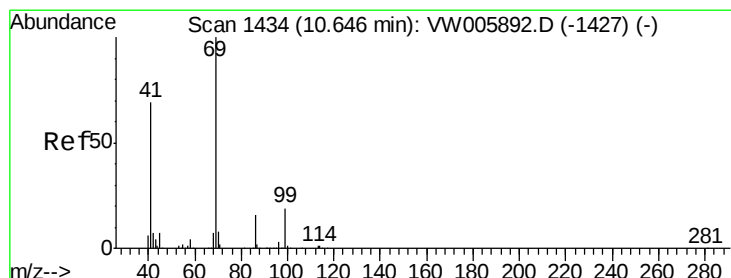
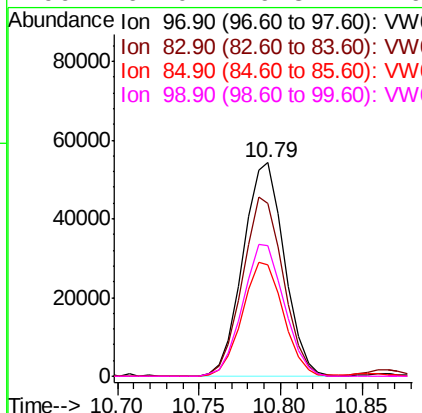
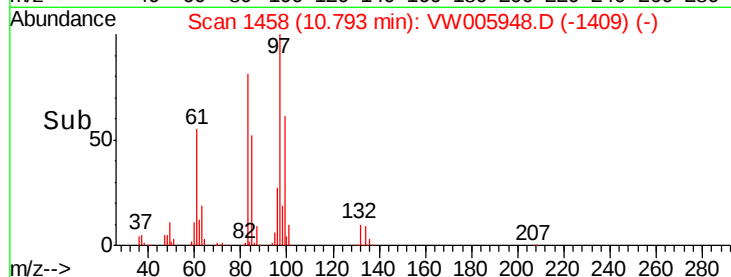
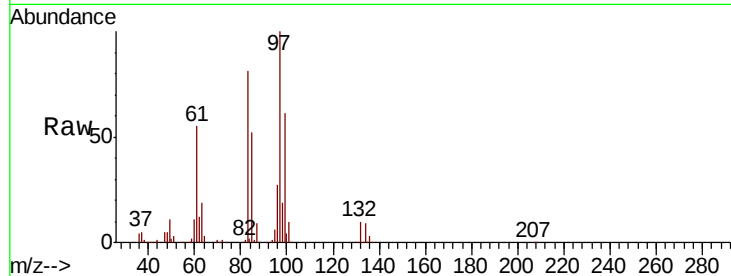
#55
 1,1,2-Trichloroethane
 Concen: 55.498 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	95702
Ion	Ratio	Lower	Upper
97	100		
83	81.0	66.9	100.3
85	52.0	43.4	65.0
99	61.0	49.8	74.6

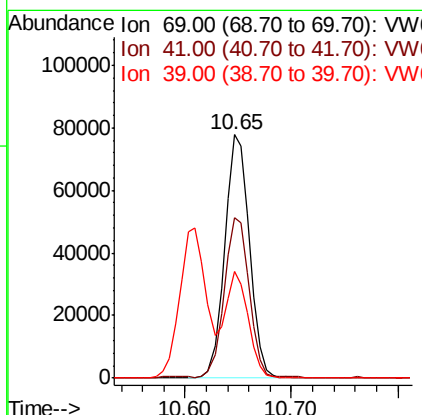
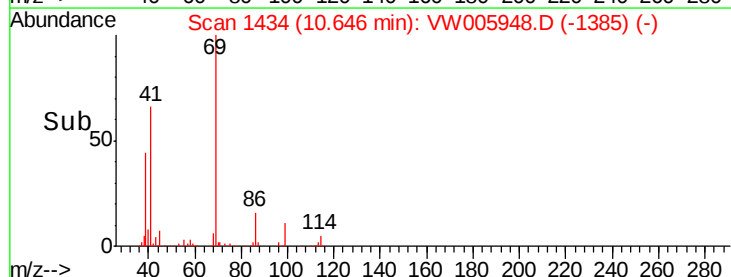
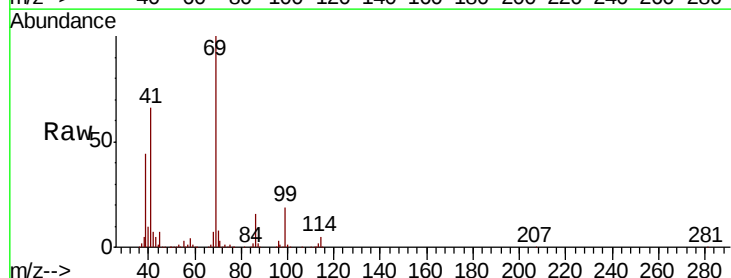
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#56
 Ethyl methacrylate
 Concen: 54.330 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion:	69	Resp:	126273
Ion	Ratio	Lower	Upper
69	100		
41	66.0	56.0	84.0
39	41.1	33.5	50.3





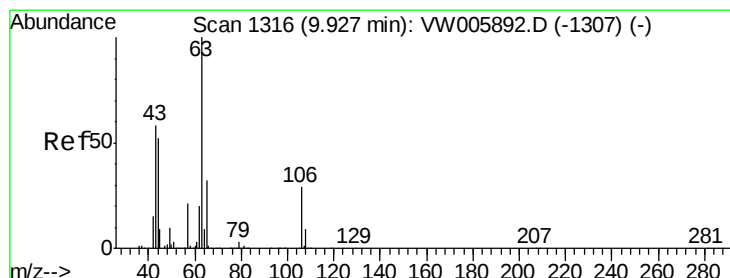
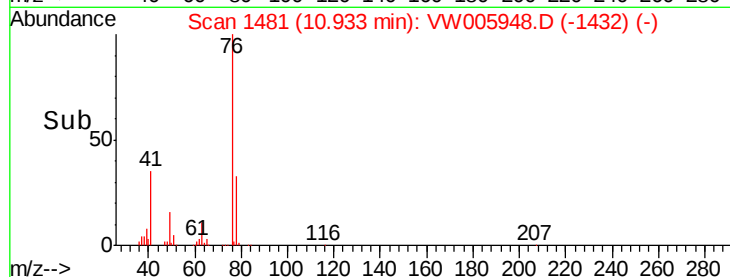
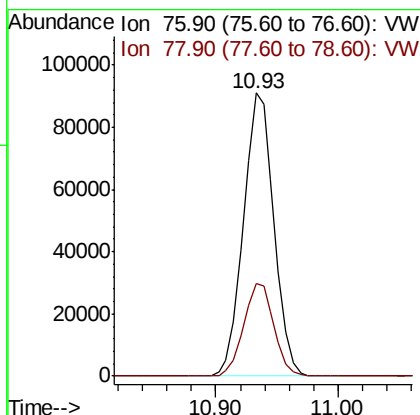
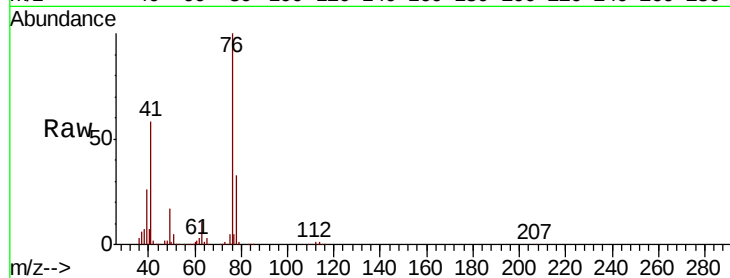
#57
 1,3-Dichloropropane
 Concen: 54.081 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

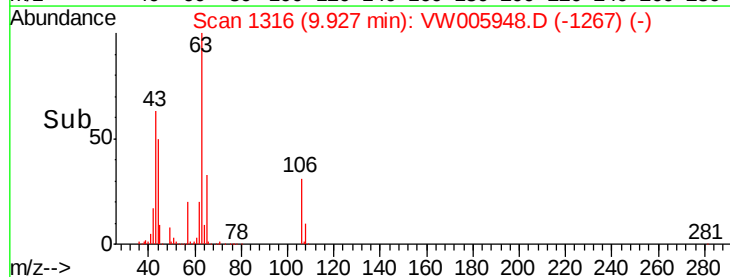
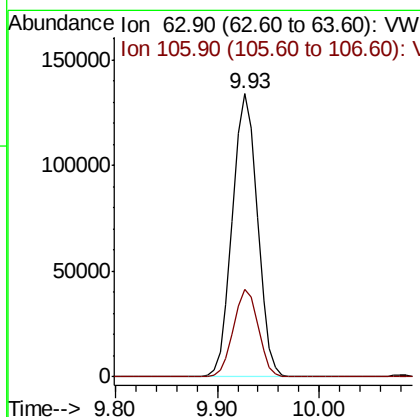
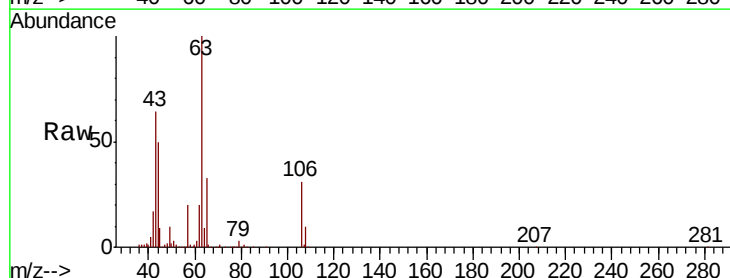
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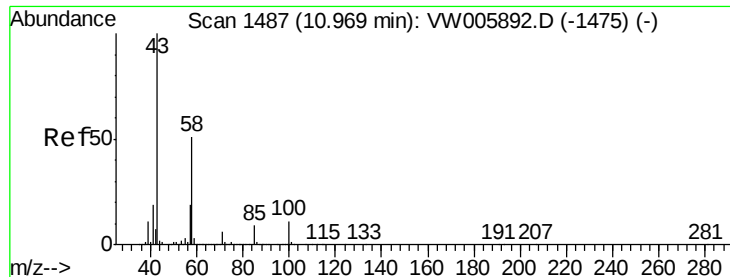
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.134 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	23.6	35.4





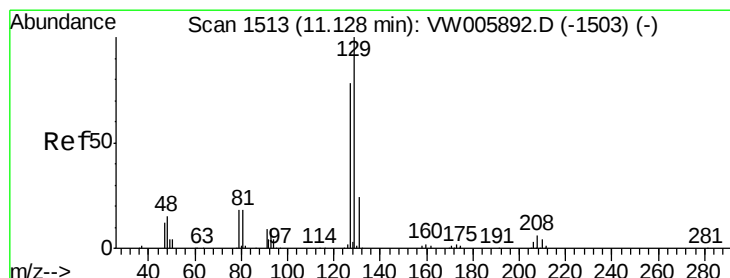
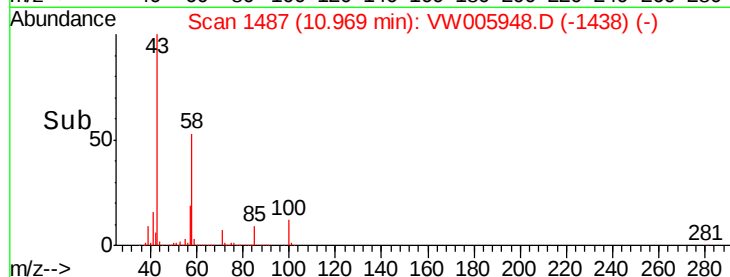
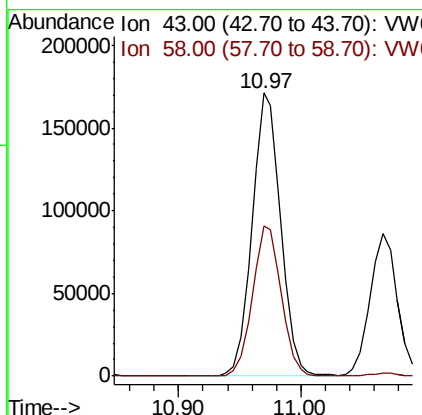
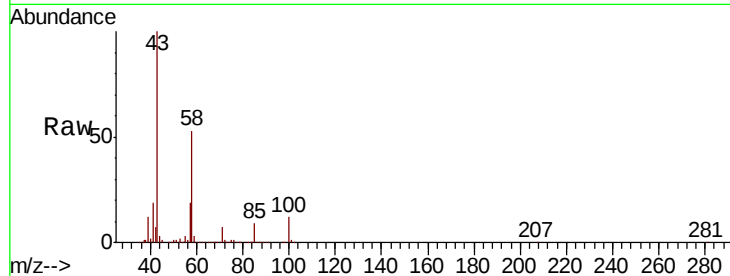
#59
2-Hexanone
Concen: 272.109 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 277898
Ion Ratio Lower Upper
43 100
58 53.6 25.7 77.1

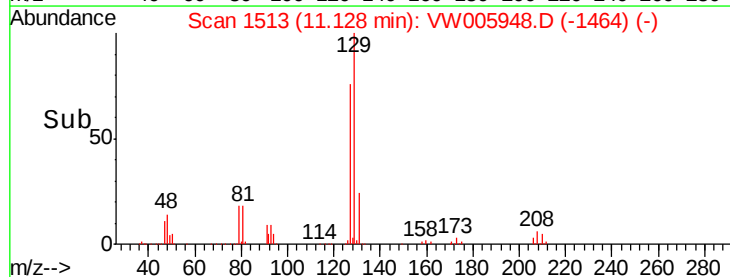
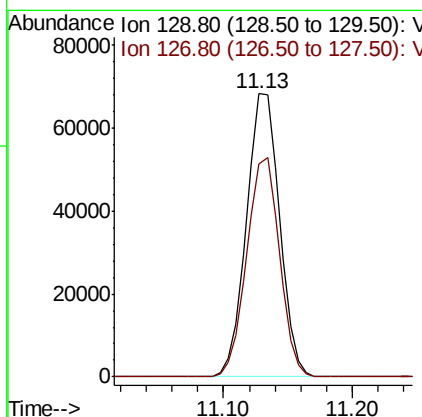
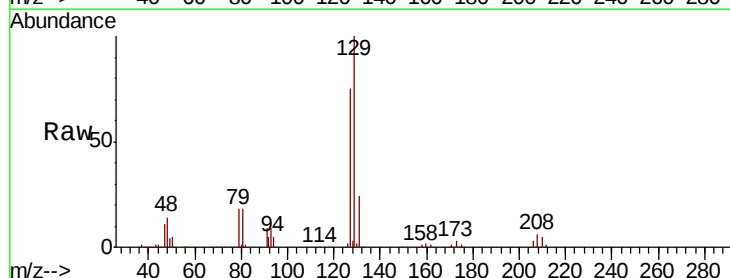
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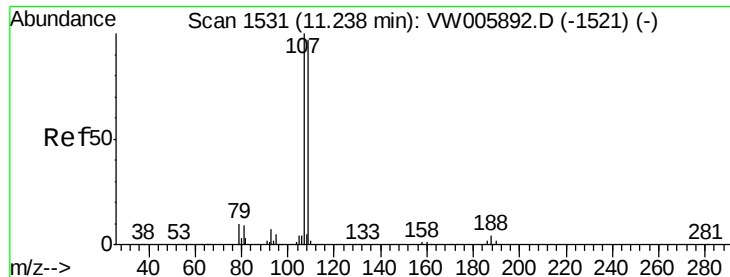
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#60
Dibromochloromethane
Concen: 54.501 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion: 129 Resp: 121280
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





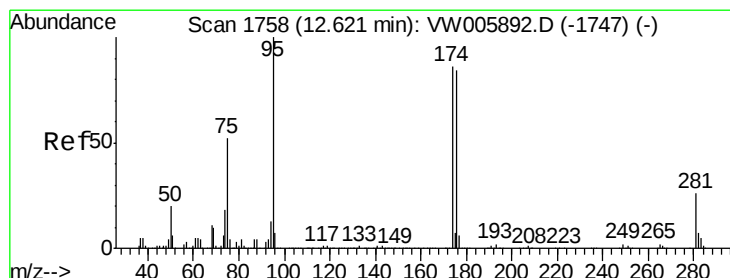
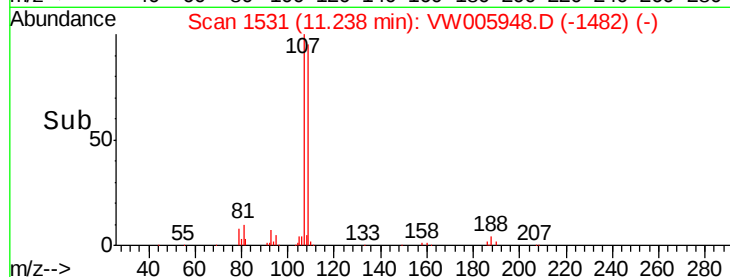
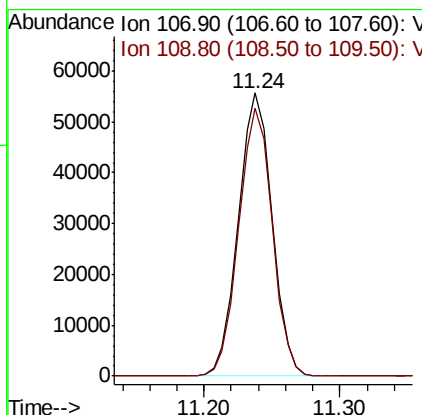
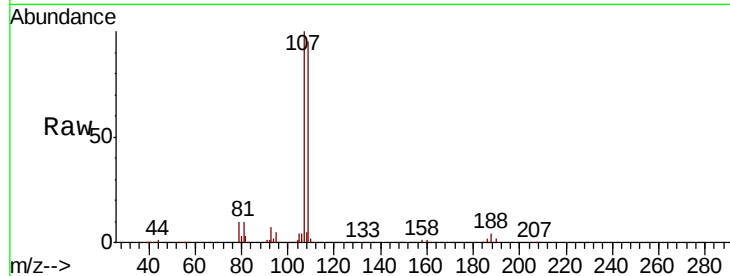
#61
 1,2-Dibromoethane
 Concen: 56.029 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.8

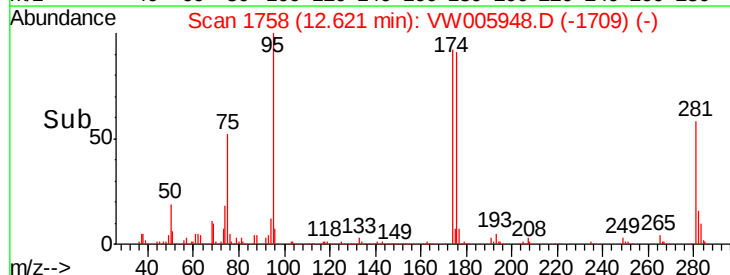
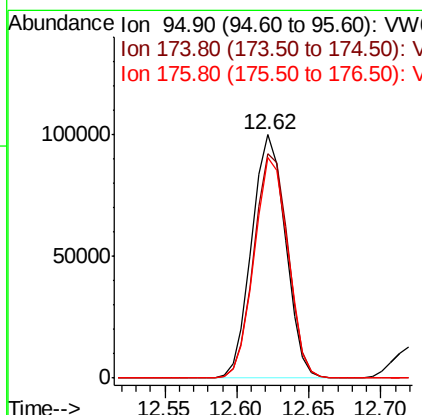
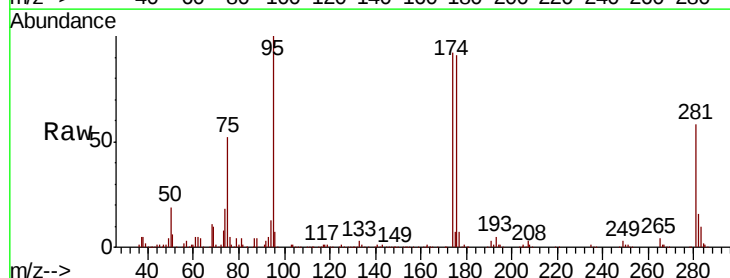
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#62
 4-Bromofluorobenzene
 Concen: 50.278 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	176.4
176	90.6	0.0	173.0





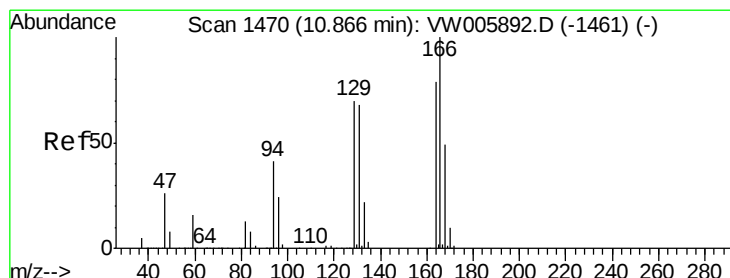
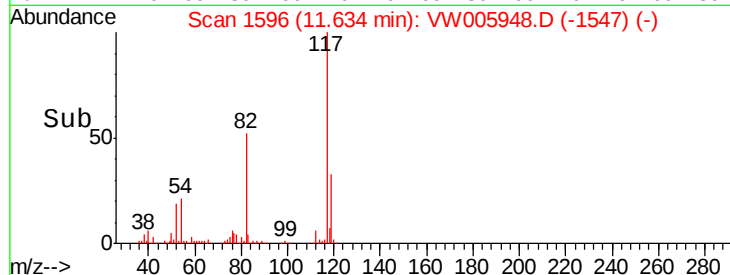
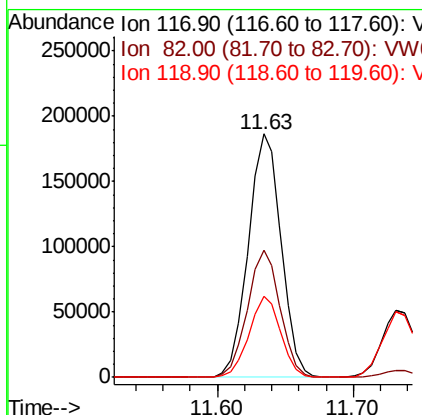
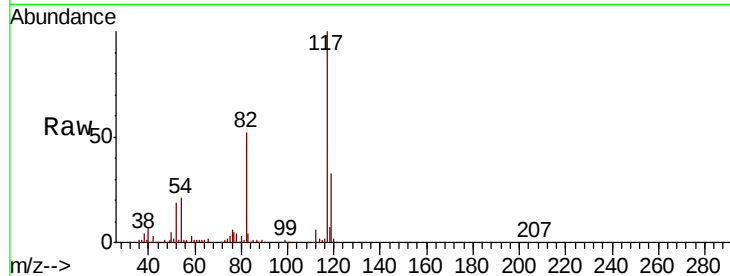
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	315623		
82	52.5		43.5	65.3
119	33.3		25.4	38.2

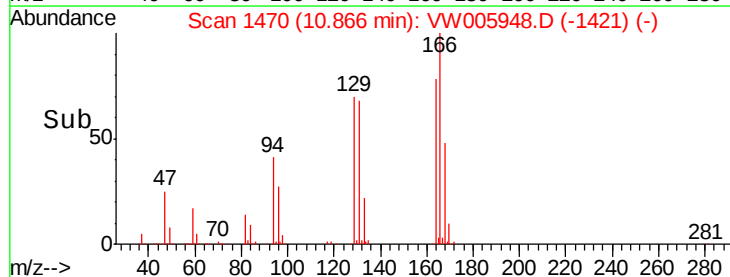
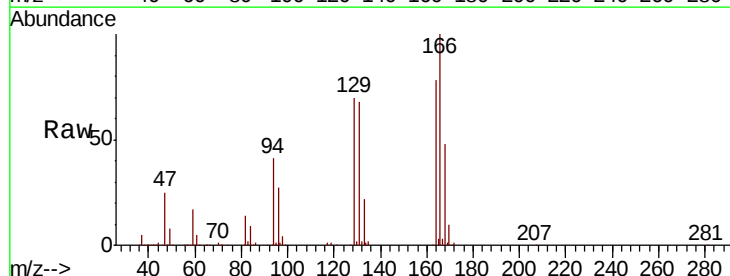
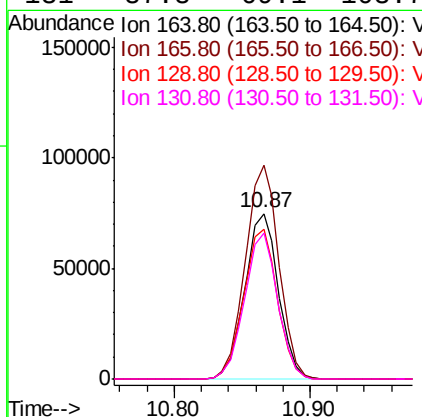
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#64
Tetrachloroethene
Concen: 54.993 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	129292		
166	128.8		101.5	152.3
129	90.5		71.1	106.7
131	87.8		69.1	103.7





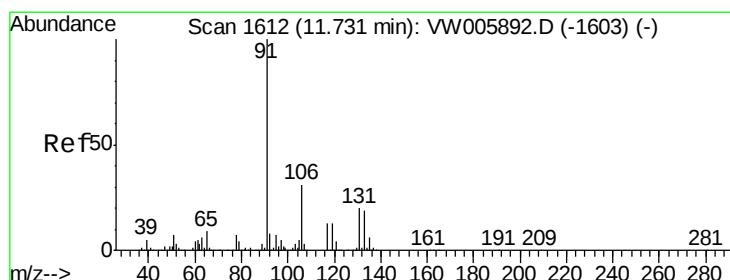
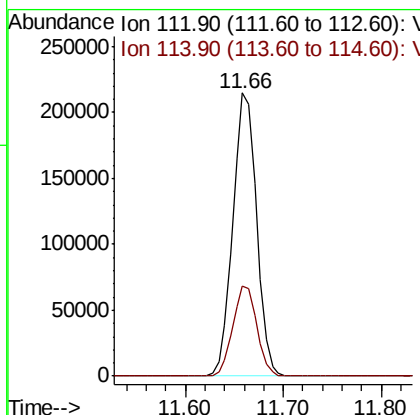
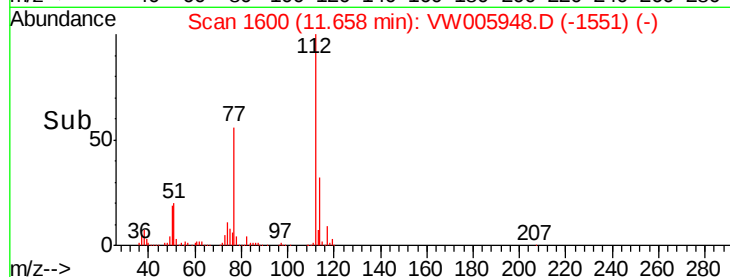
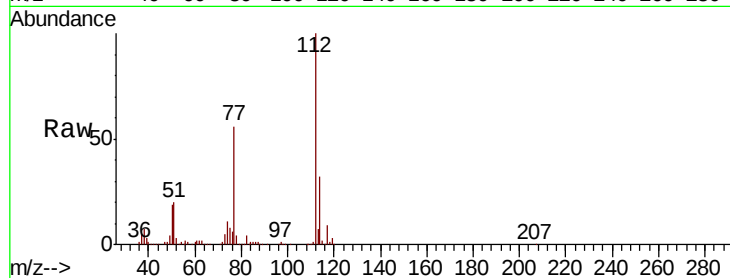
#65
Chlorobenzene
Concen: 53.545 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.6	38.4

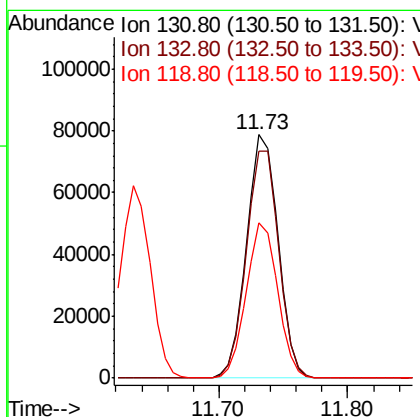
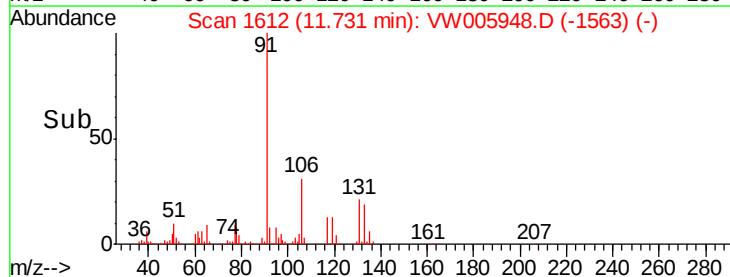
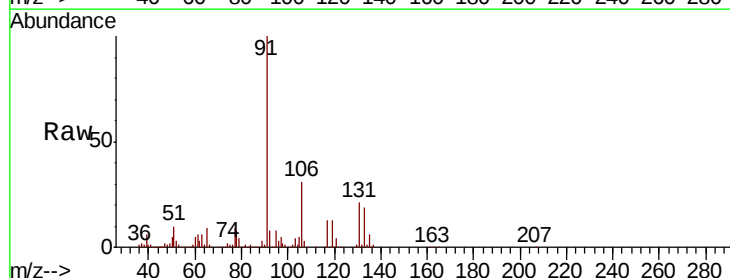
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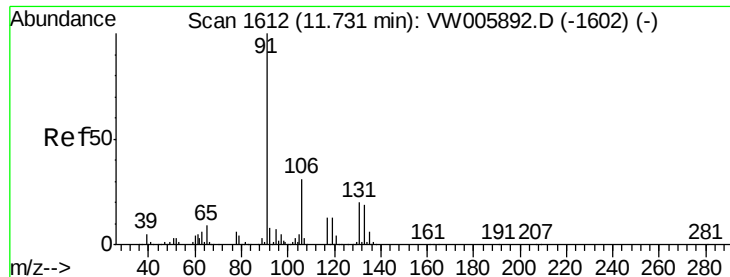
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.699 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.2	144.6
119	63.8	32.5	97.5





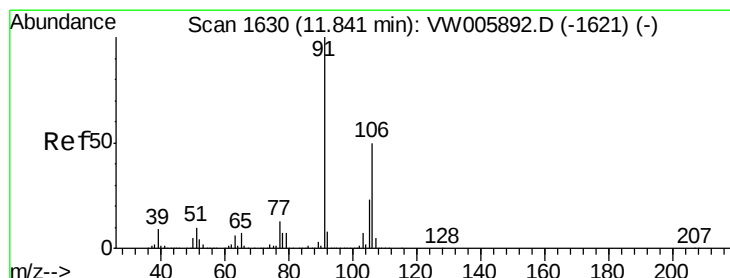
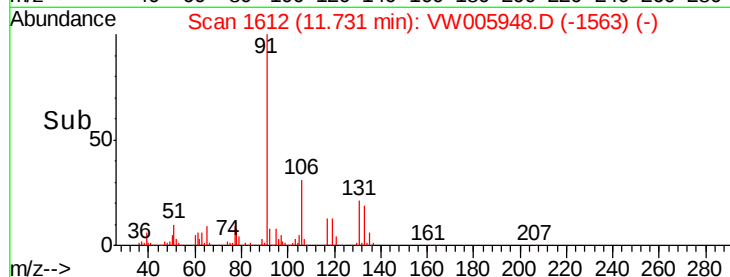
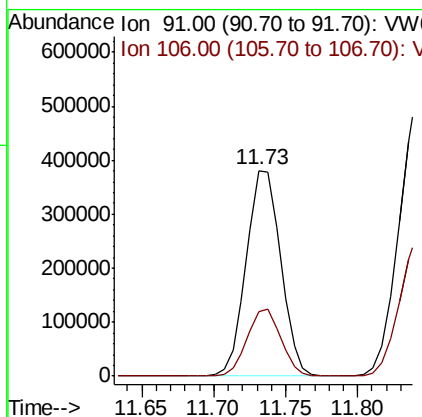
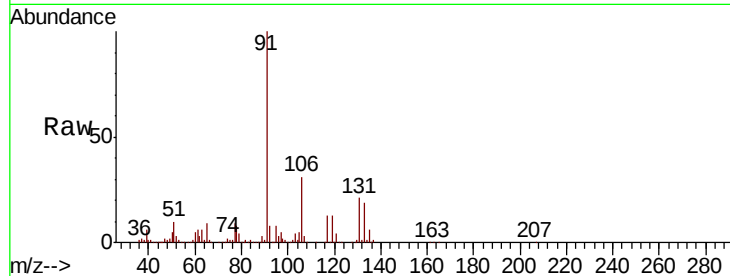
#67
Ethyl Benzene
Concen: 52.813 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 630664
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

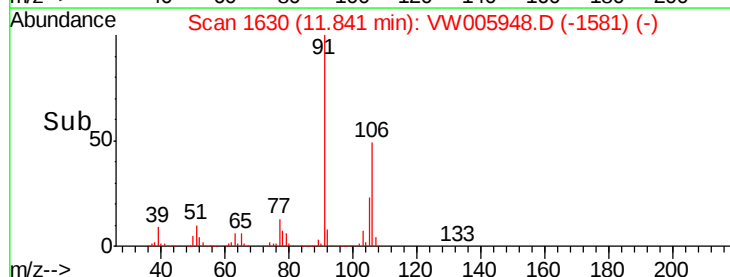
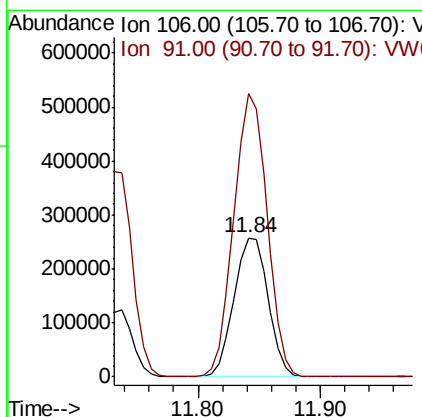
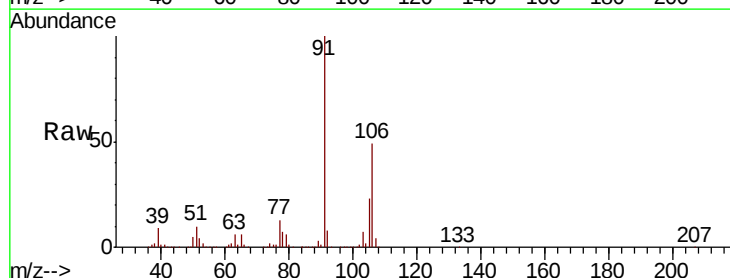
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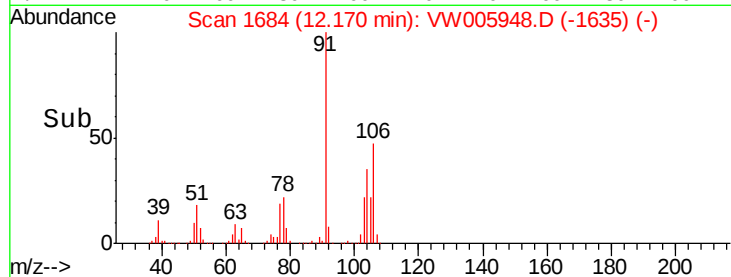
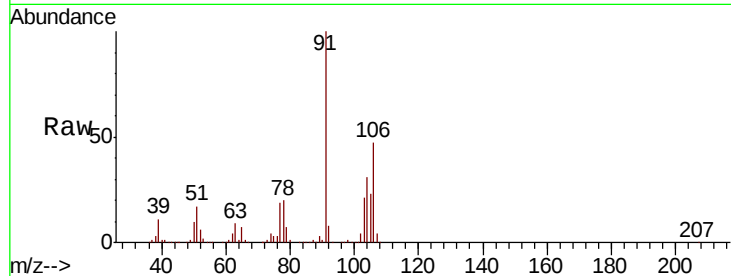
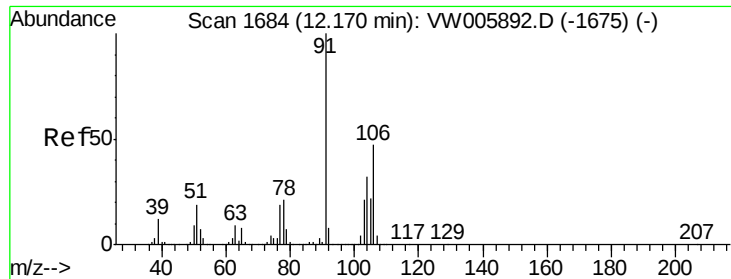
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#68
m/p-Xylenes
Concen: 106.881 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion: 106 Resp: 498782
Ion Ratio Lower Upper
106 100
91 198.6 160.2 240.2





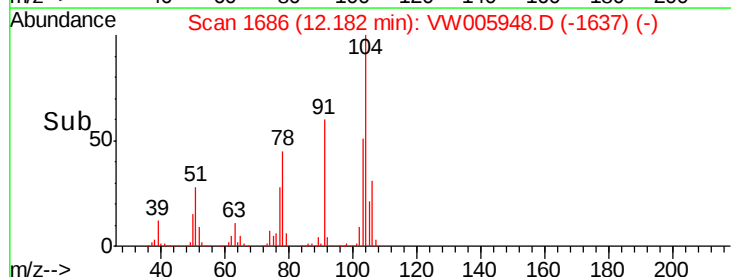
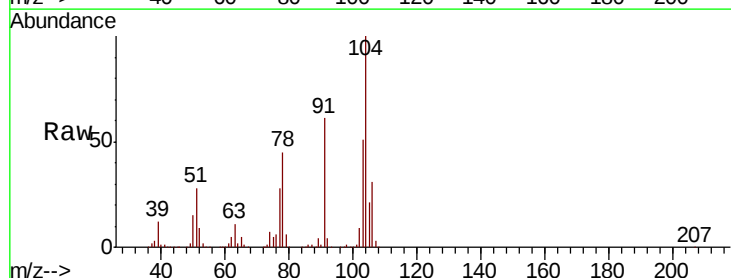
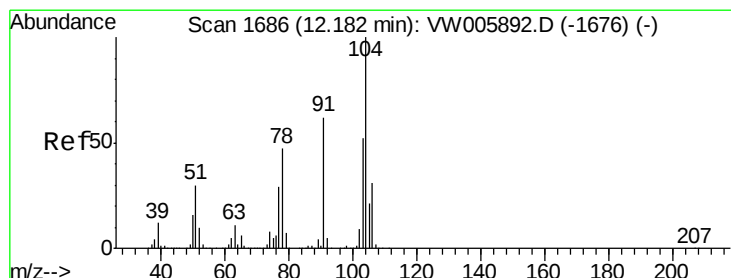
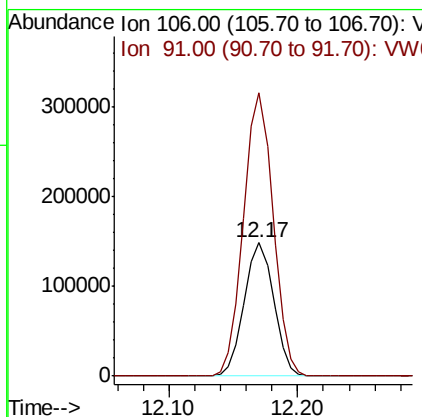
#69
o-Xylene
Concen: 53.092 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tot Ion: 106 Resp: 237200
Ion Ratio Lower Upper
106 100
91 211.6 106.2 318.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

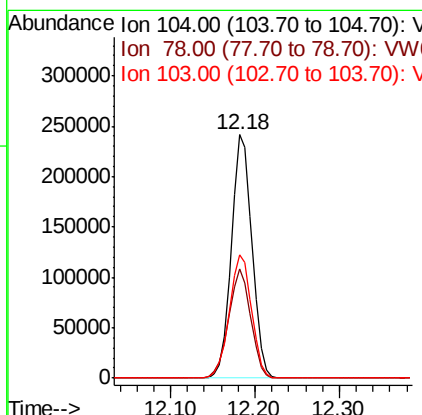
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#70
Styrene
Concen: 53.799 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion: 104 Resp: 398792
Ion Ratio Lower Upper
104 100
78 48.4 40.4 60.6
103 54.9 44.2 66.2





#71

Bromoform

Concen: 55.062 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 81277

Ion Ratio Lower Upper

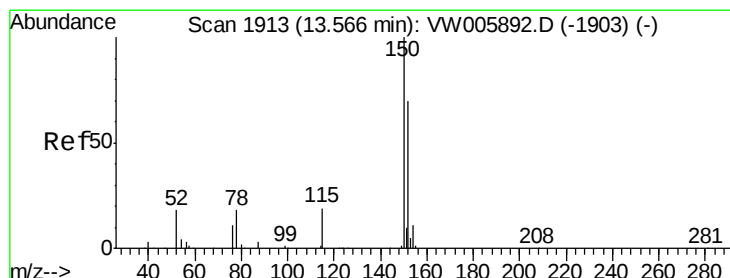
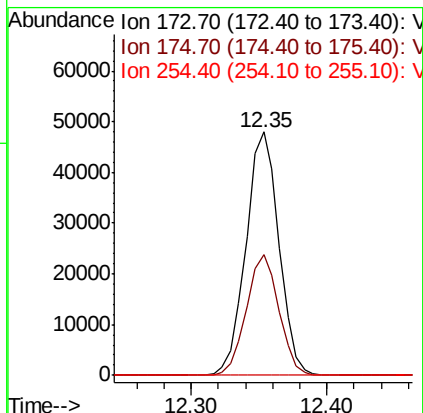
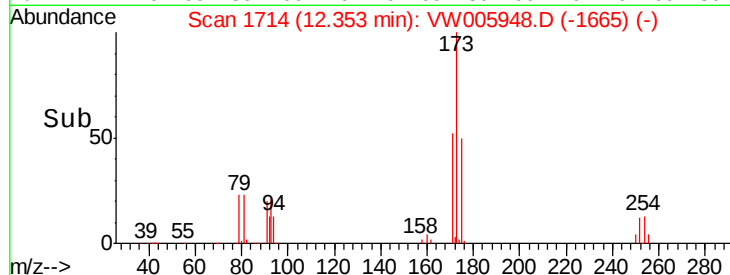
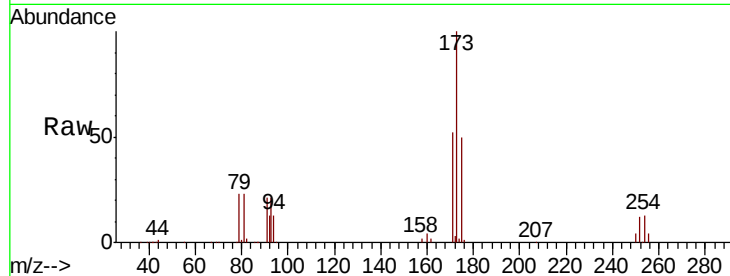
173 100

175 49.1 24.7 74.1

254 0.0 0.2 0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

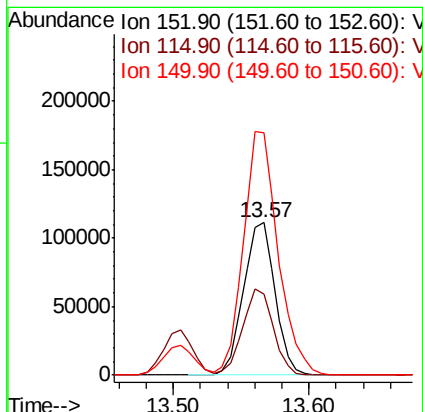
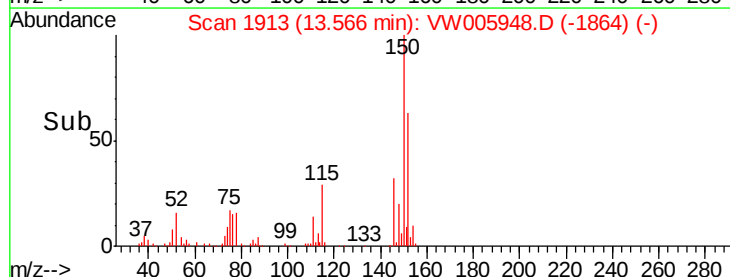
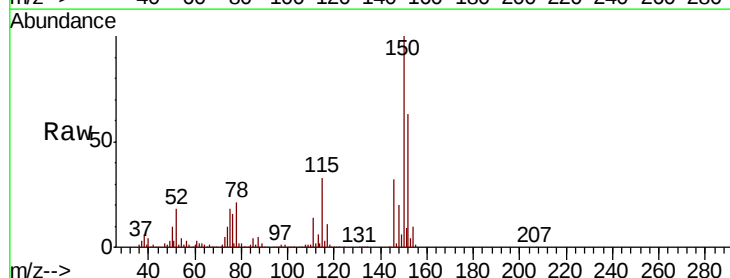
Tgt Ion:152 Resp: 180534

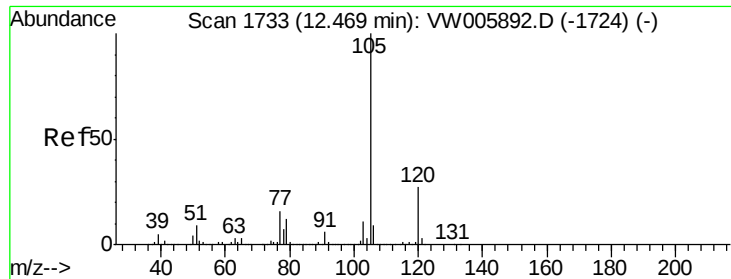
Ion Ratio Lower Upper

152 100

115 55.1 28.3 85.0

150 175.5 0.0 349.2





#73

Isopropylbenzene

Concen: 50.921 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 671379

Ion Ratio Lower Upper

105 100

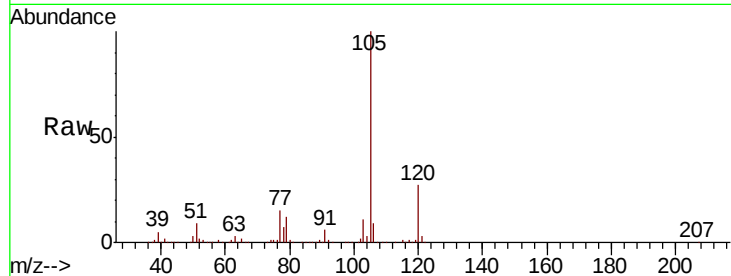
120 27.2 13.6 40.8

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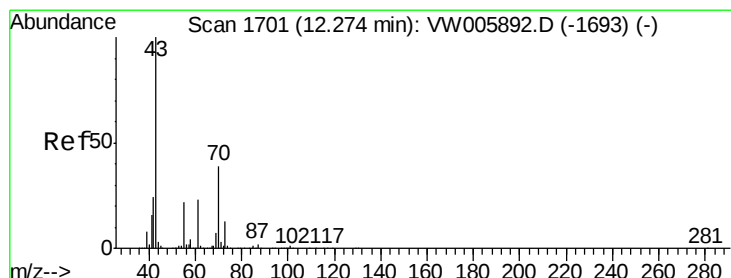
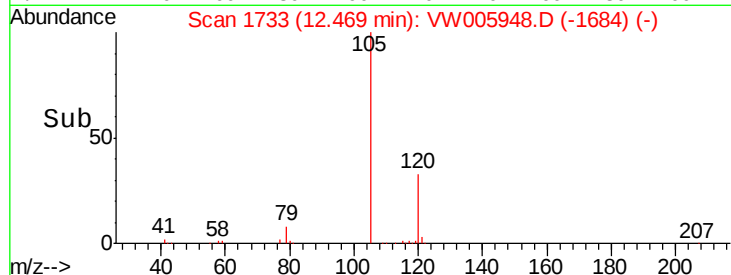
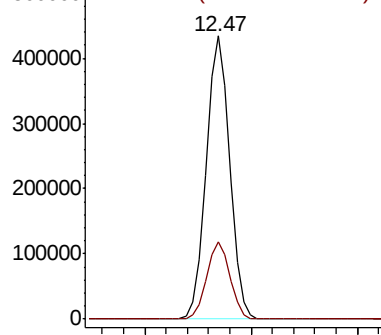
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.786 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Tgt Ion: 43 Resp: 155895

Ion Ratio Lower Upper

43 100

70 41.8 31.6 47.4

55 23.4 17.9 26.9

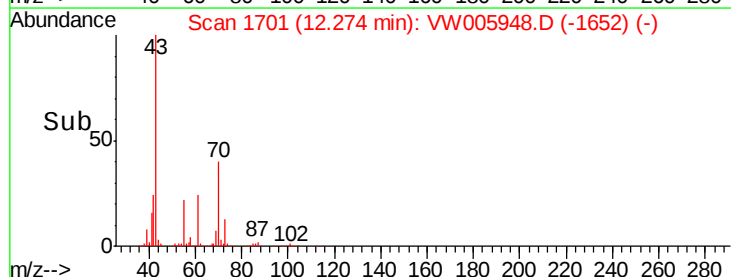
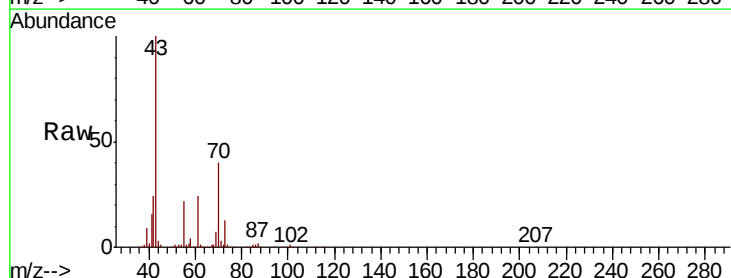
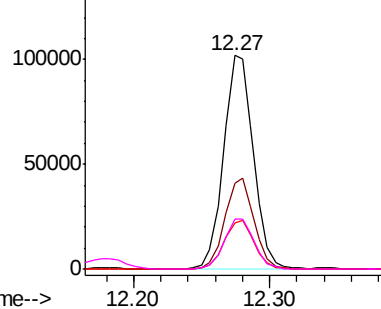
61 23.9 18.6 28.0

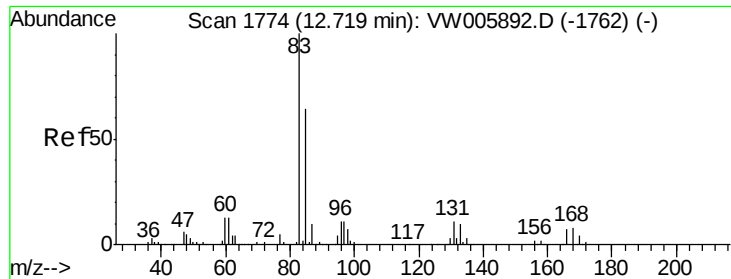
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 53.540 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

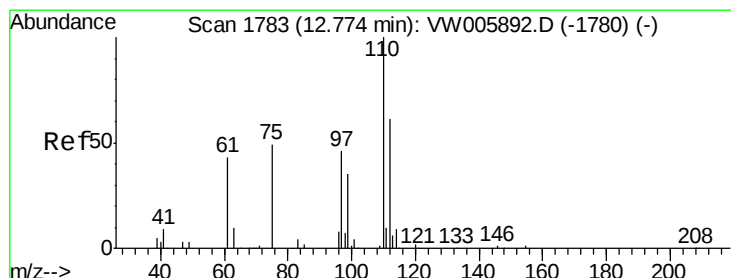
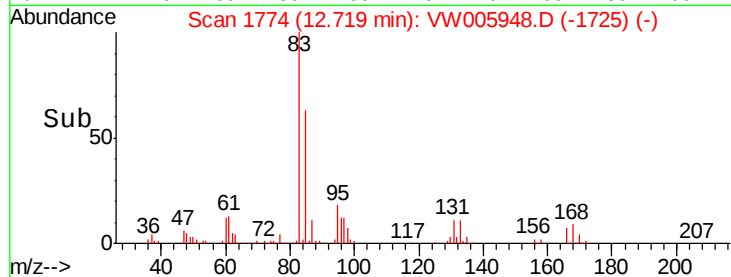
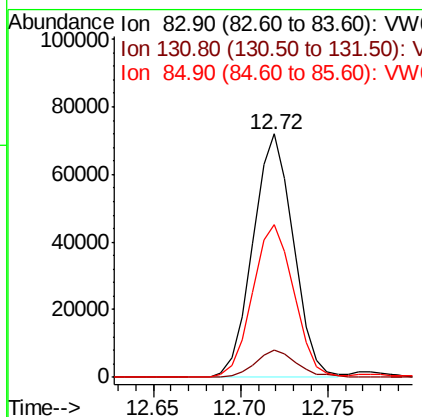
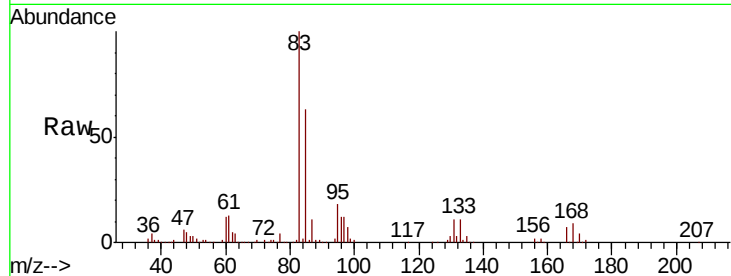
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	115702
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.3
85	64.1	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 44.310 ug/l m

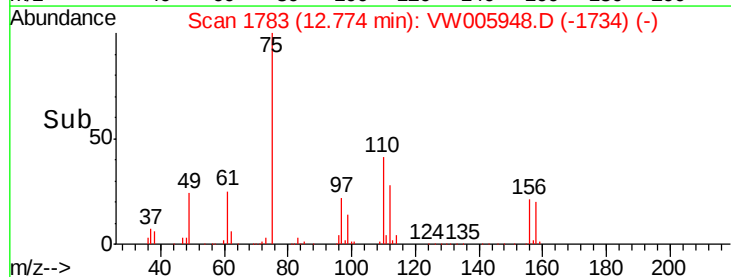
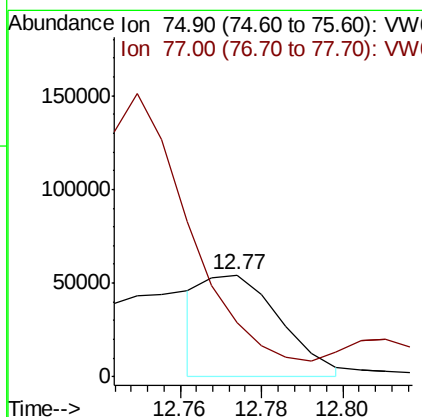
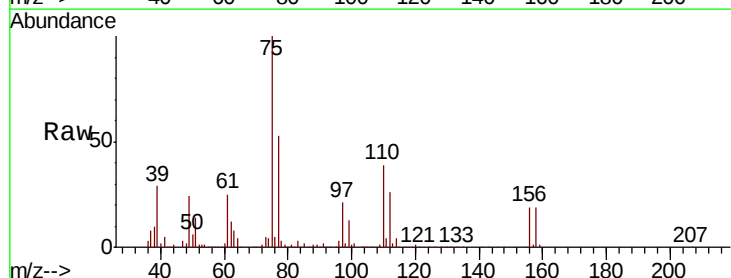
RT: 12.77 min Scan# 1783

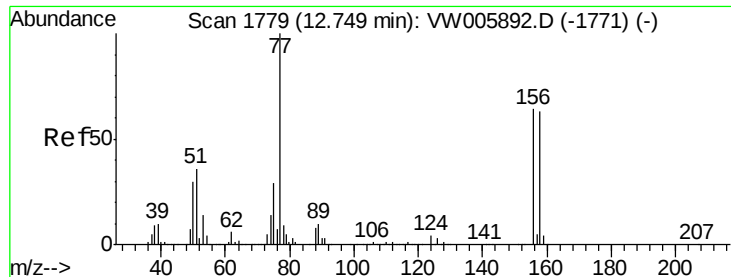
Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Tgt Ion:	75	Resp:	71457
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.335 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

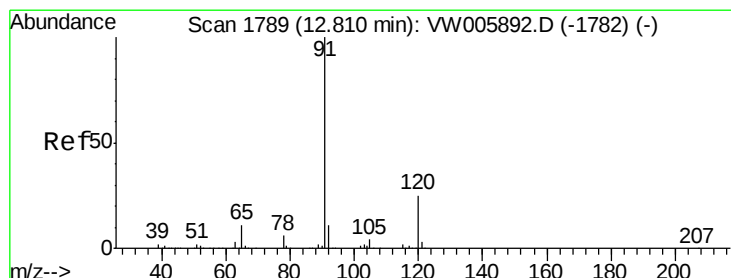
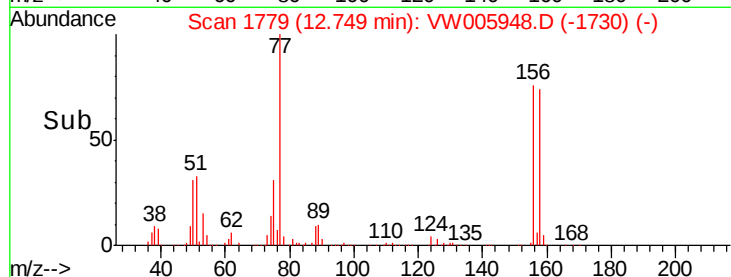
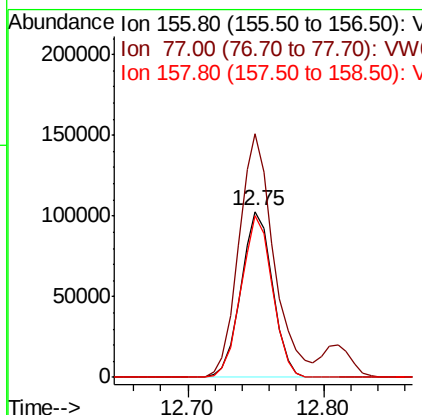
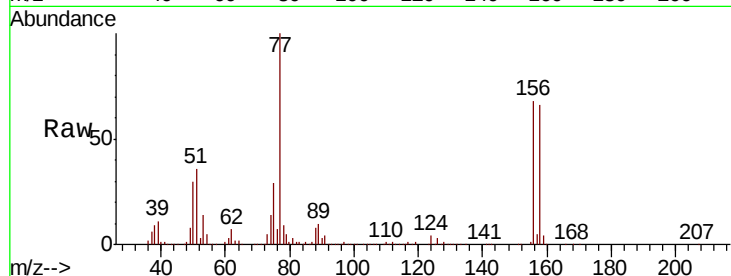
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.5	85.8	257.4
158	96.5	49.1	147.4

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#78

n-propylbenzene

Concen: 50.391 ug/l

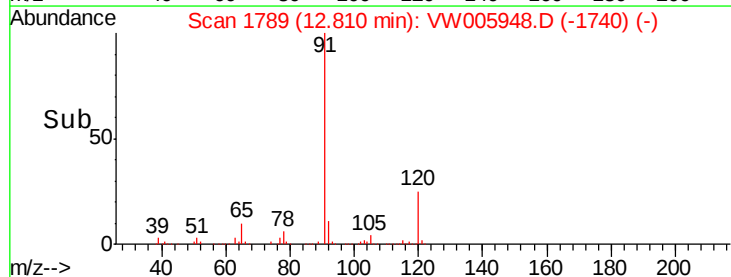
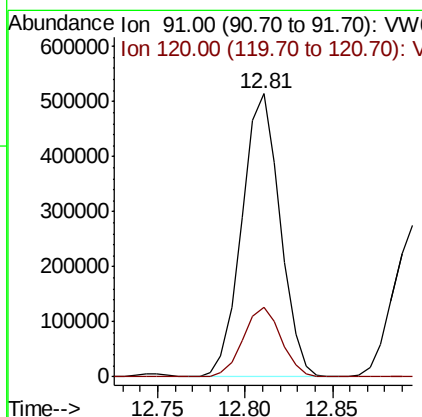
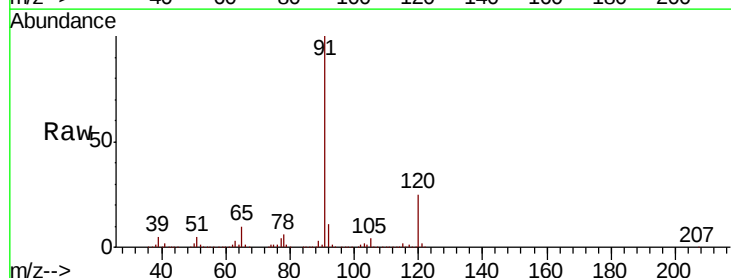
RT: 12.81 min Scan# 1789

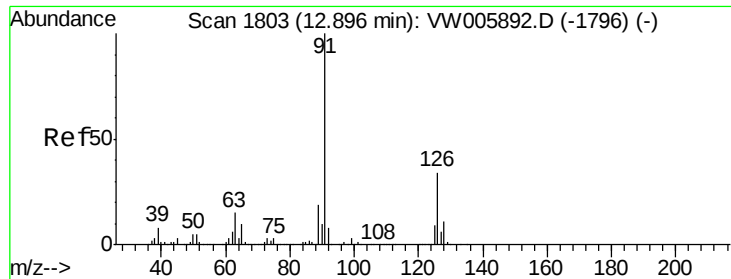
Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.0	36.0





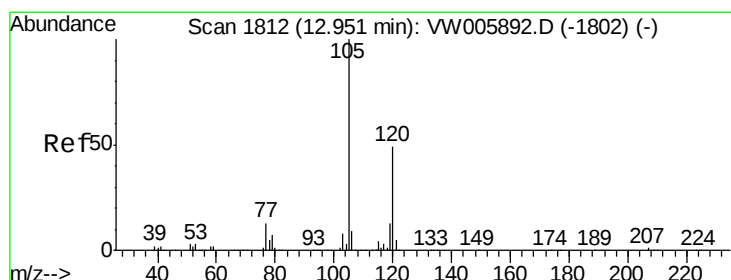
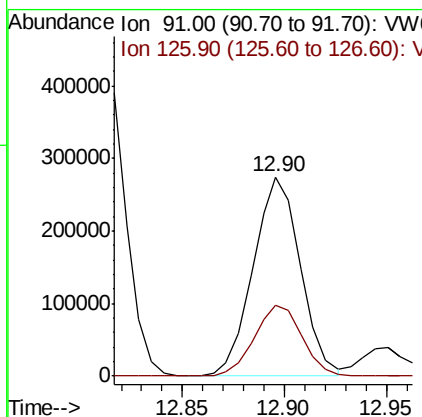
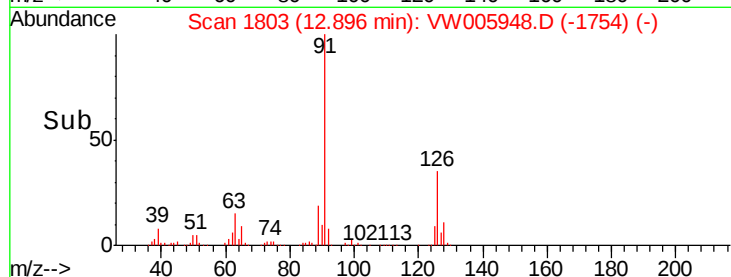
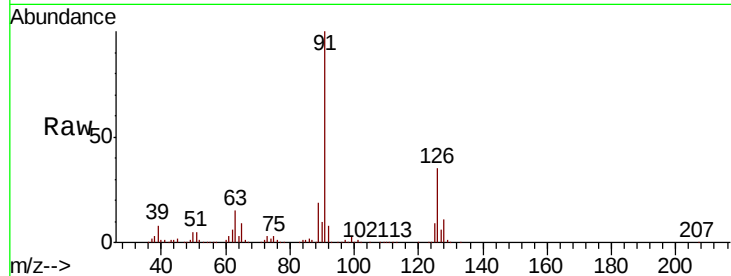
#79
 2-Chlorotoluene
 Concen: 50.292 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 440317
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.5 52.5

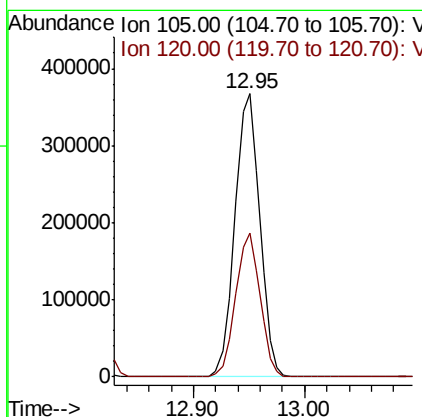
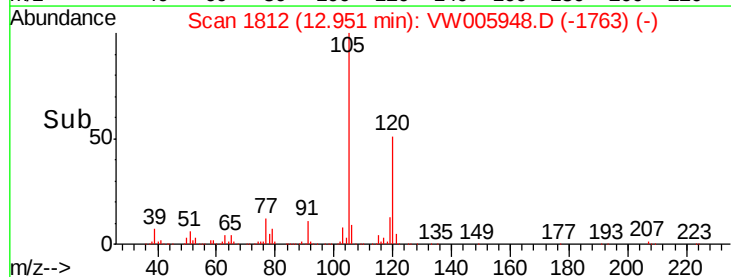
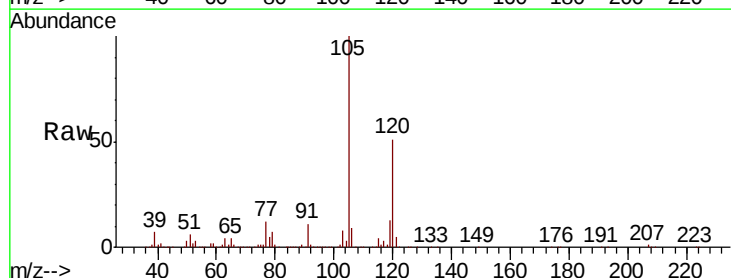
Manual Integrations
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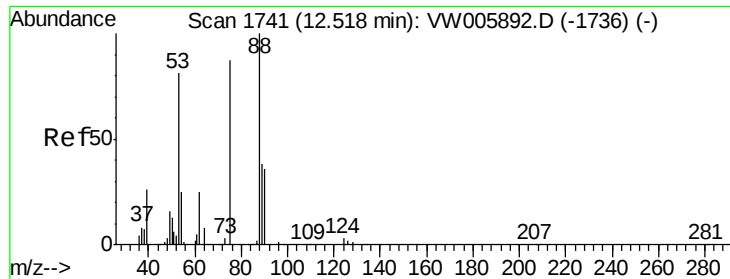
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.947 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion: 105 Resp: 567105
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.6 73.8





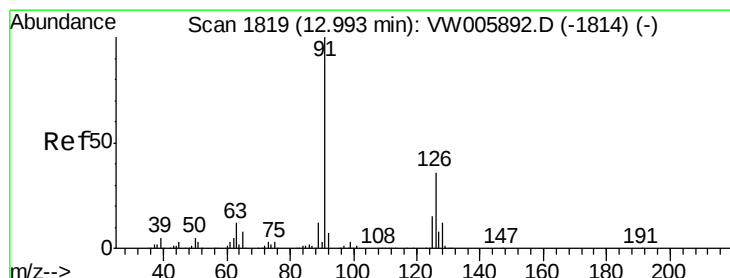
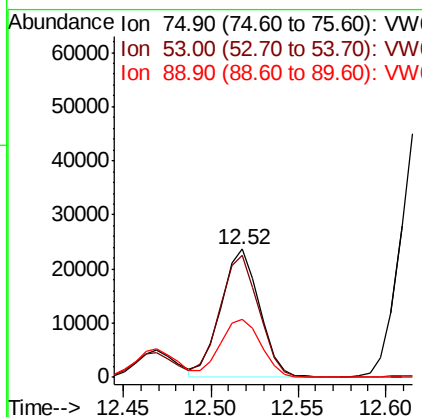
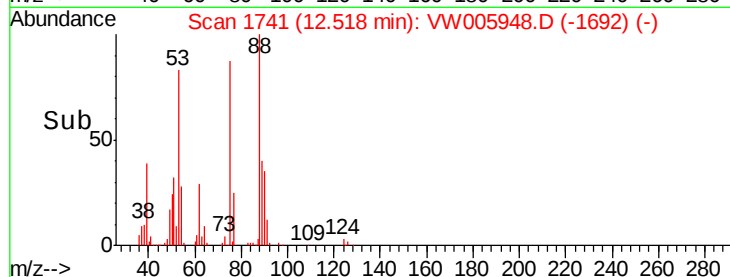
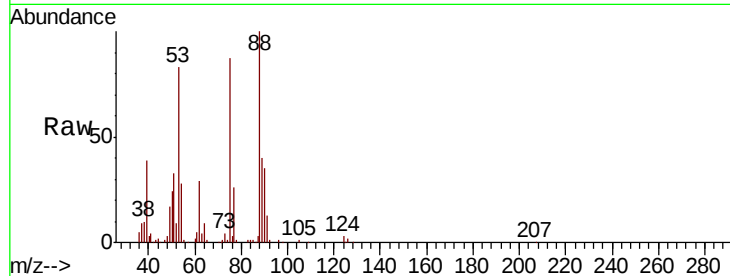
#81
trans-1,4-Dichloro-2-butene
Concen: 47.471 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.3	76.5	114.7
89	47.3	37.6	56.4

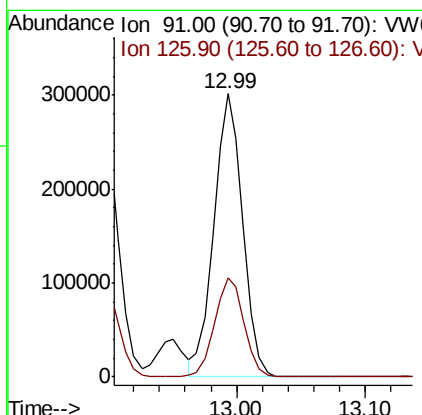
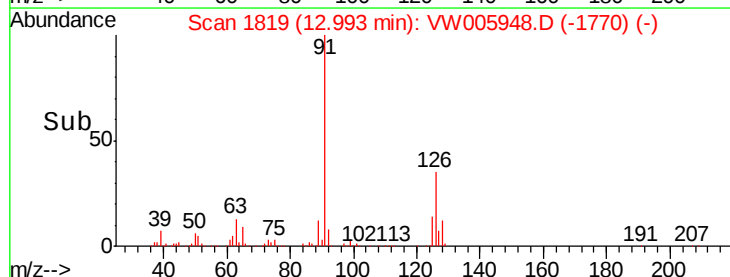
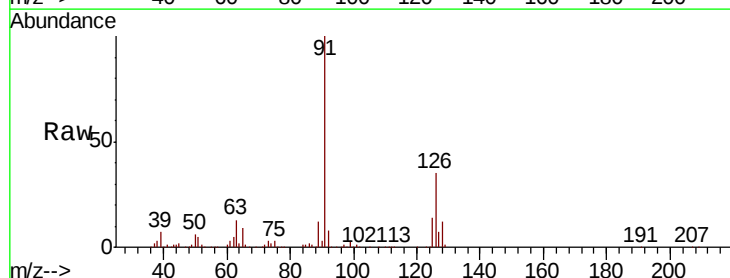
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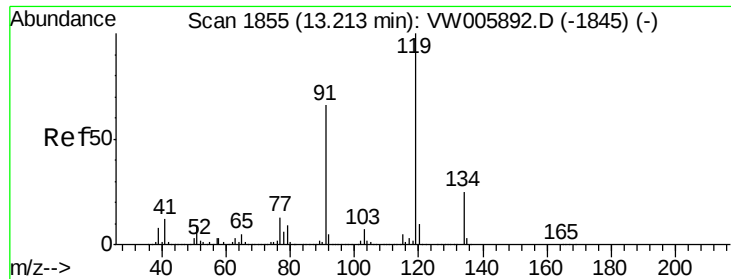
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#82
4-Chlorotoluene
Concen: 51.002 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.4	52.2





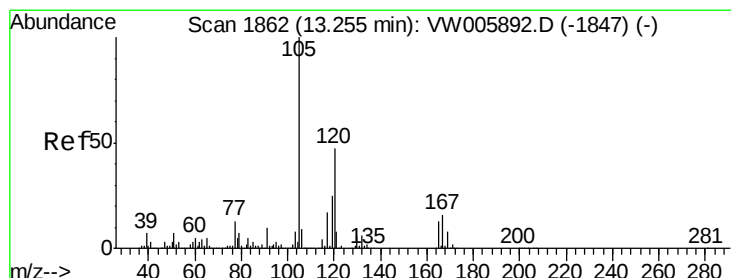
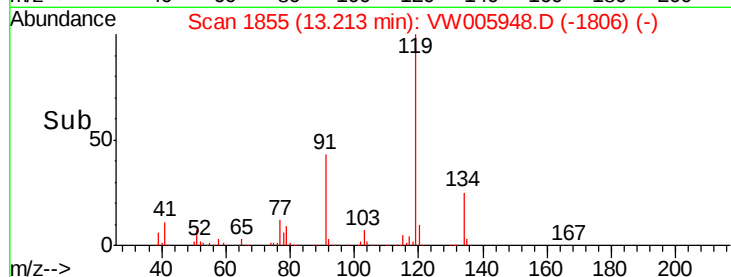
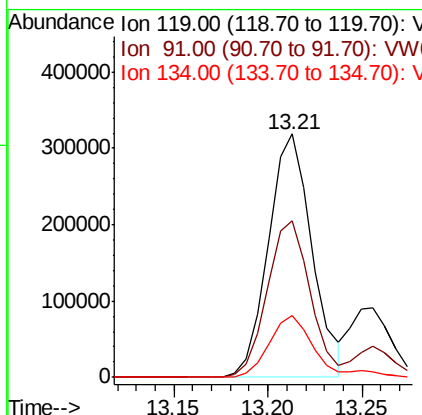
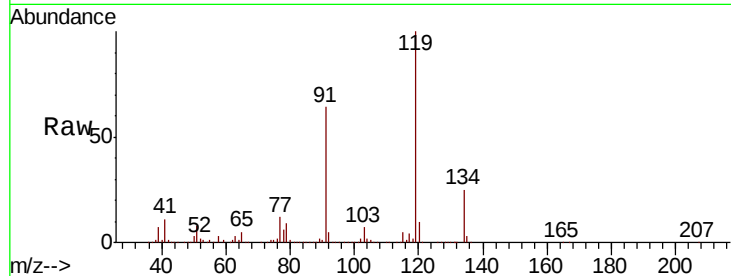
#83
 tert-Butylbenzene
 Concen: 51.736 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	512205		
91	63.3		32.4	97.0
134	24.9		13.2	39.6

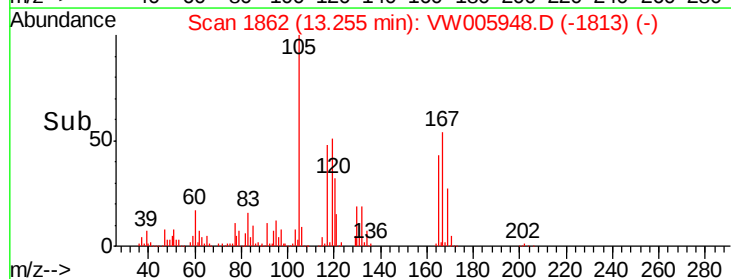
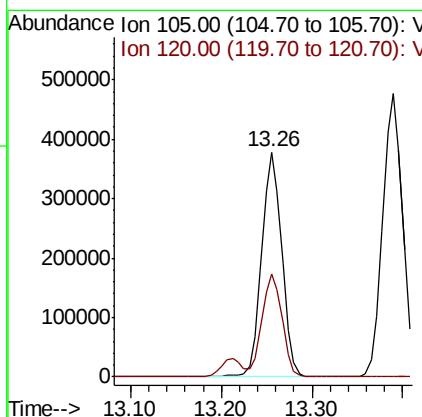
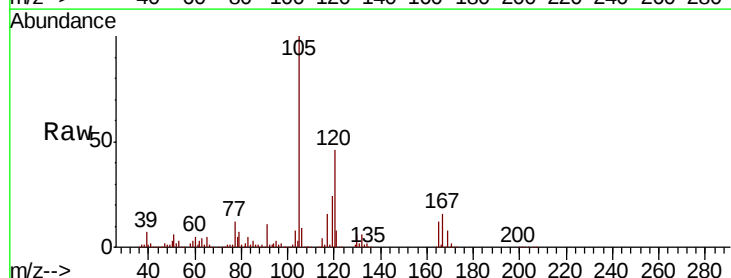
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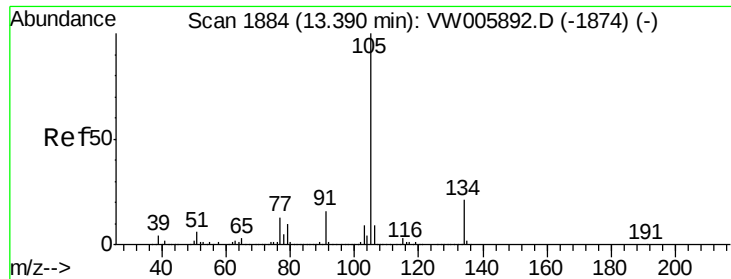
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.671 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	580174		
120	45.5		22.8	68.3





#85

sec-Butylbenzene

Concen: 51.984 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 722423

Ion Ratio Lower Upper

105 100

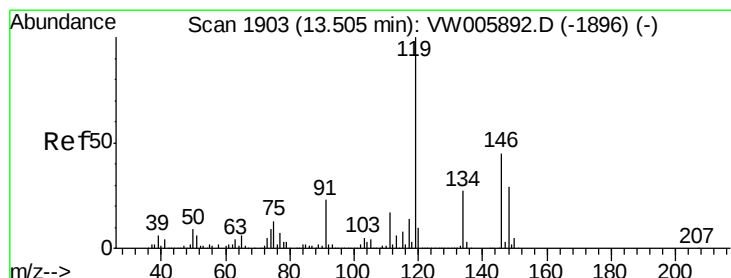
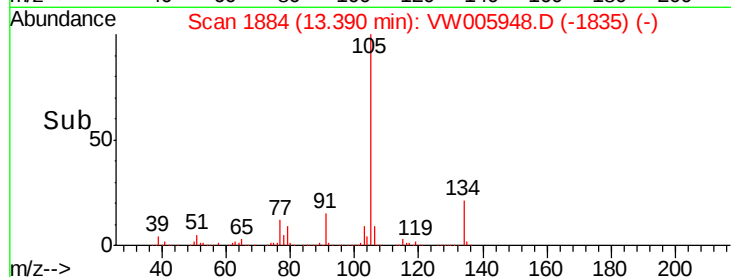
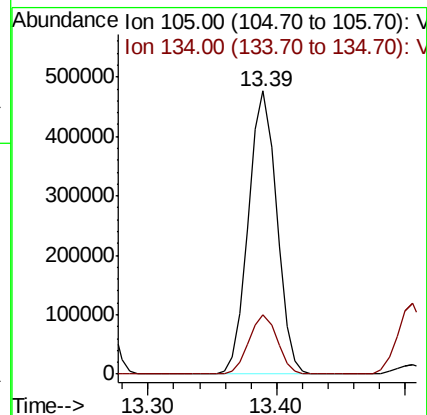
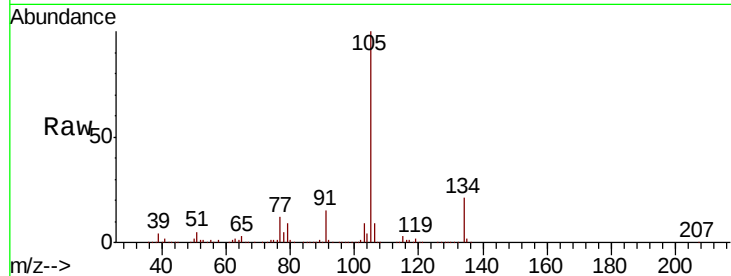
134 21.1 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.414 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005948.D

Acq: 09 Oct 2018 19:46

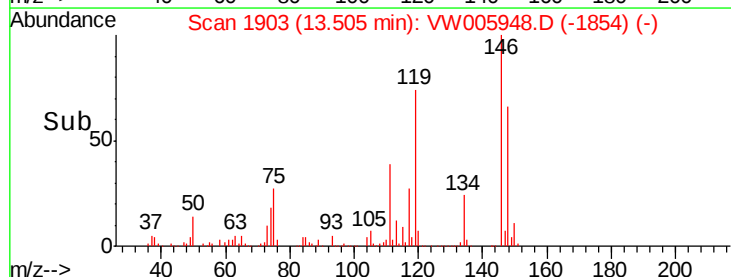
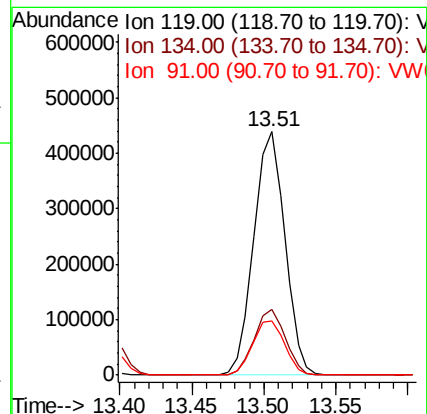
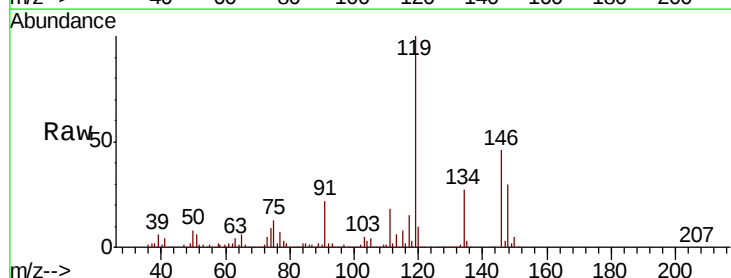
Tgt Ion:119 Resp: 655036

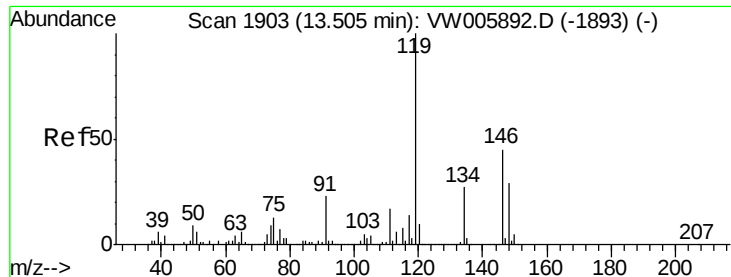
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 23.1 11.9 35.5





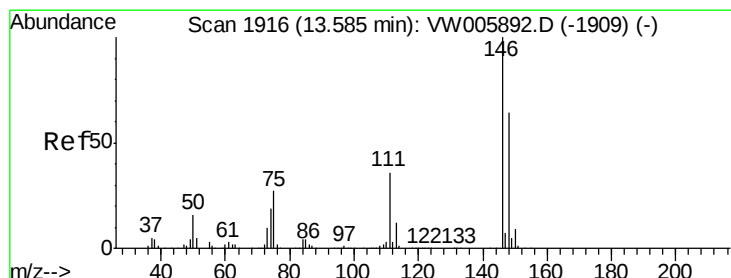
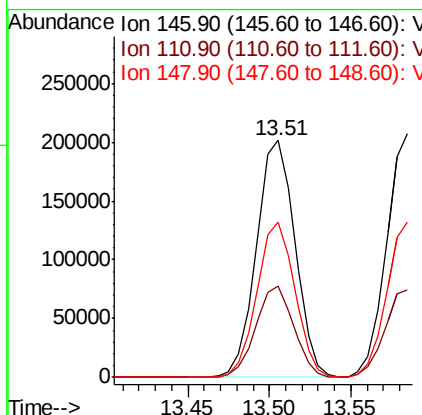
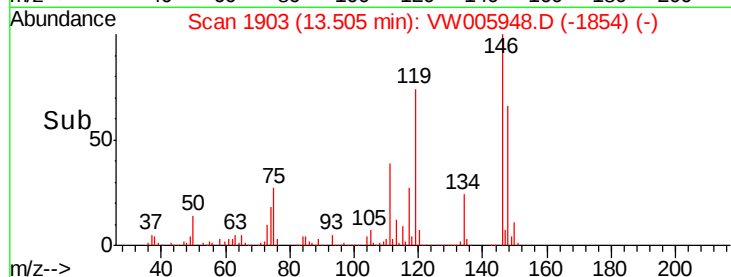
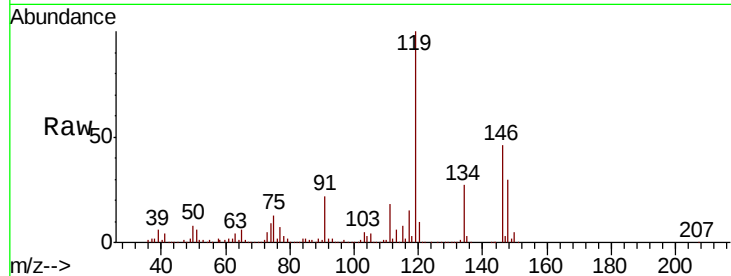
#87
 1,3-Dichlorobenzene
 Concen: 53.173 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.5	58.5
148	64.8	32.1	96.5

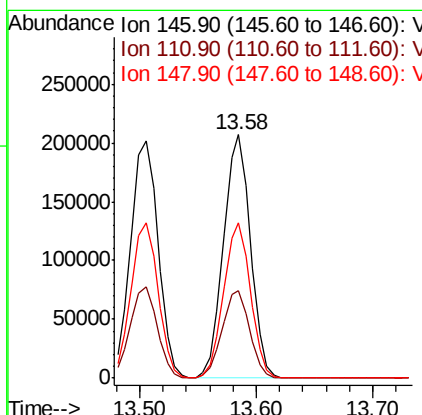
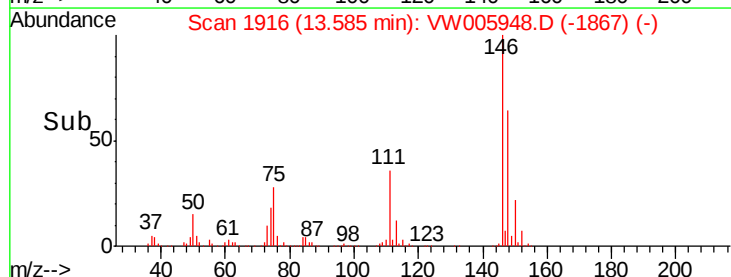
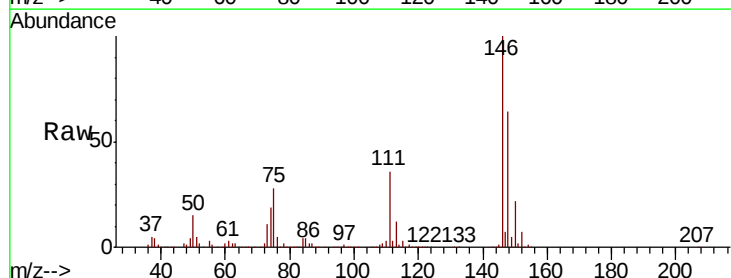
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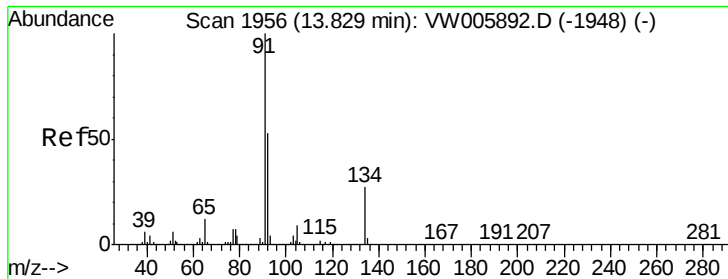
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#88
 1,4-Dichlorobenzene
 Concen: 53.685 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.0	57.0
148	63.7	32.0	96.2





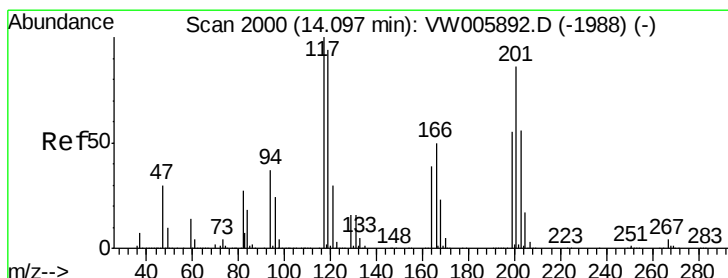
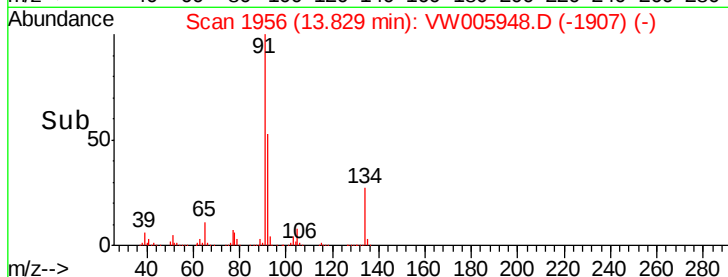
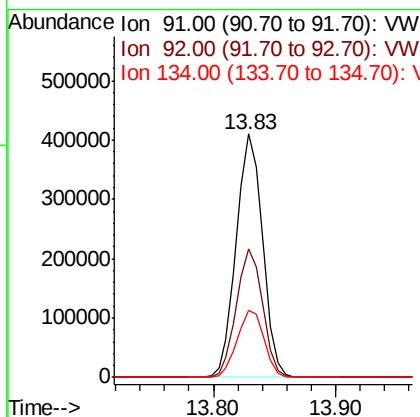
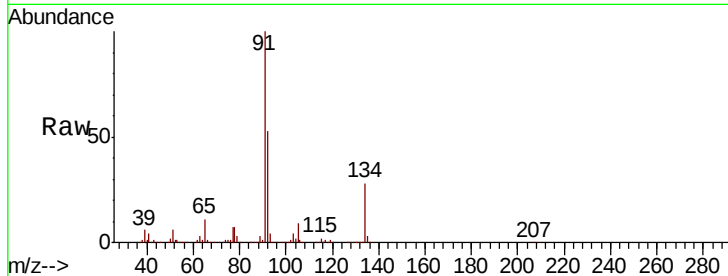
#89
n-Butylbenzene
Concen: 51.713 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	609198		
92	52.6		26.6	79.8
134	28.1		13.8	41.4

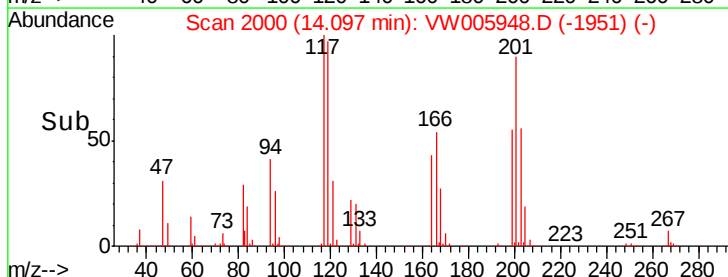
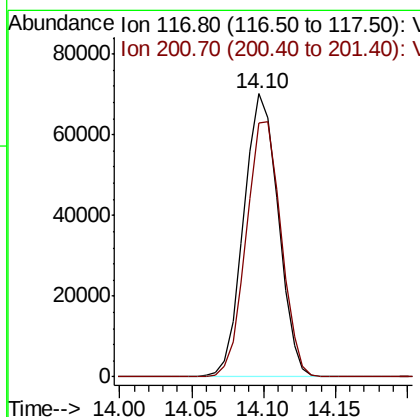
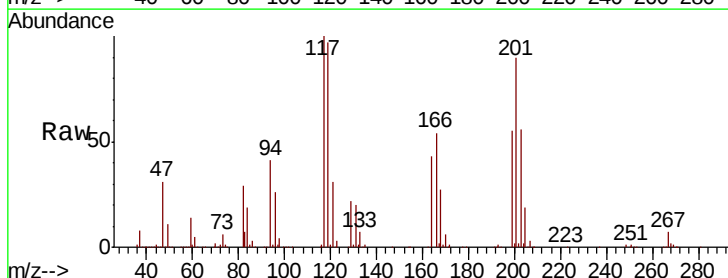
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#90
Hexachloroethane
Concen: 49.595 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	116571		
201	91.0		44.5	133.5





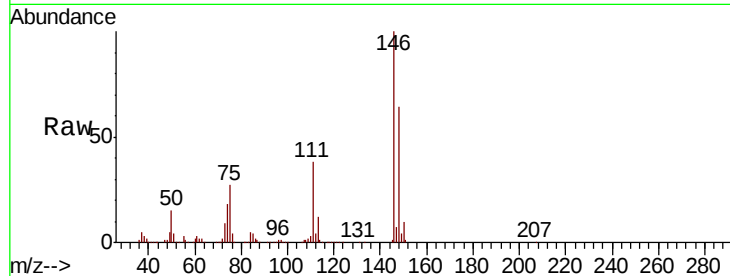
#91
 1,2-Dichlorobenzene
 Concen: 54.112 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	298141		
111	39.0	20.3	61.0	
148	64.1	32.5	97.4	

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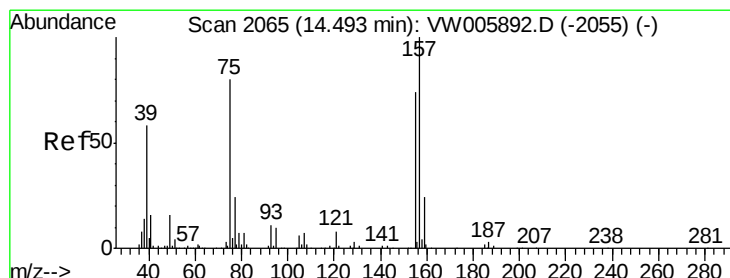
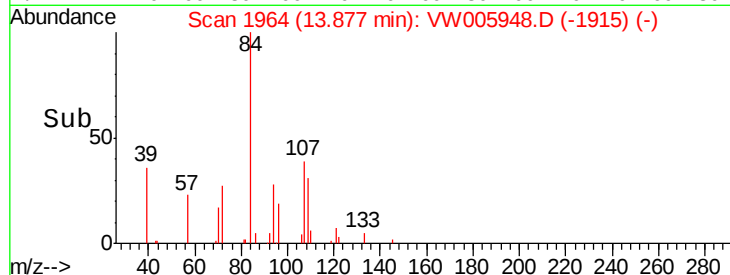
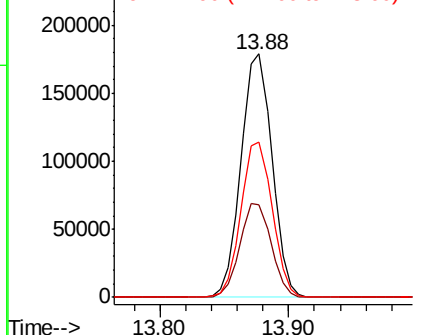


Abundance

Ion 145.90 (145.60 to 146.60): V

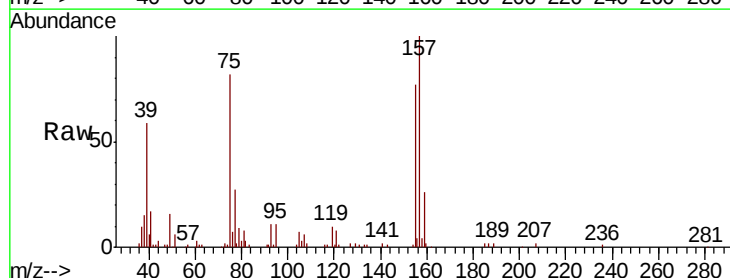
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.058 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21771		
155	93.8	44.8	134.3	
157	119.5	58.9	176.6	

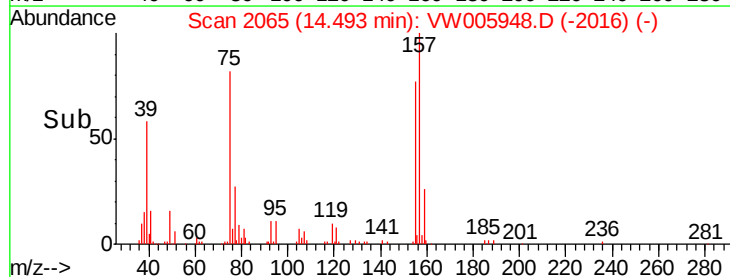
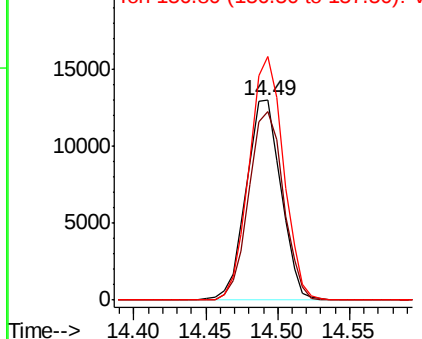


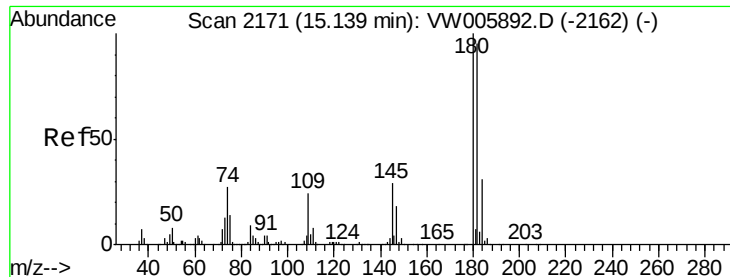
Abundance

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





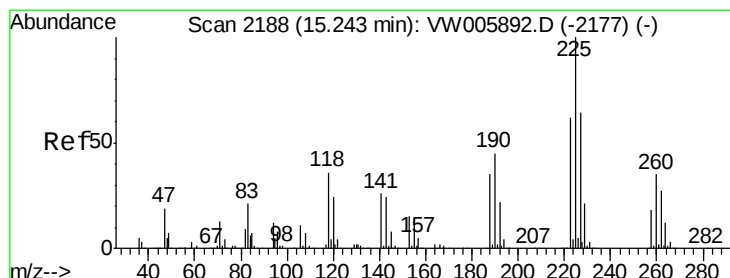
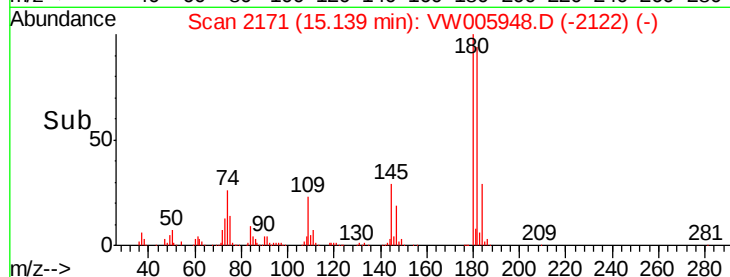
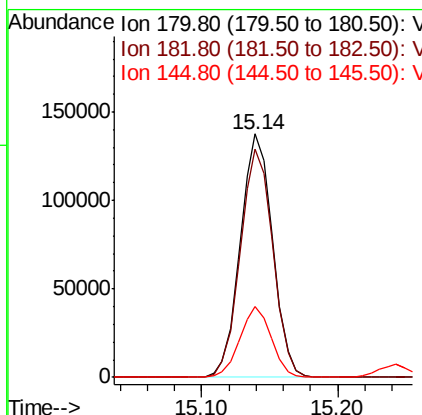
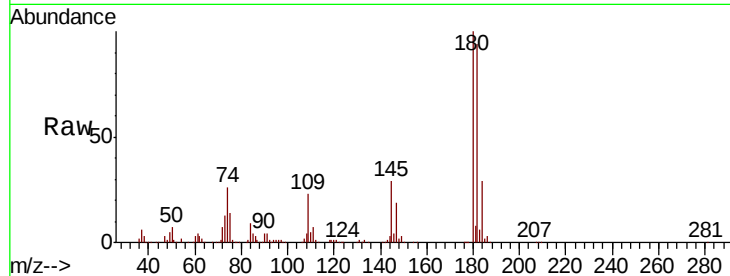
#93
 1,2,4-Trichlorobenzene
 Concen: 53.288 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	227652		
182	94.7	47.8	143.3	
145	28.2	14.5	43.6	

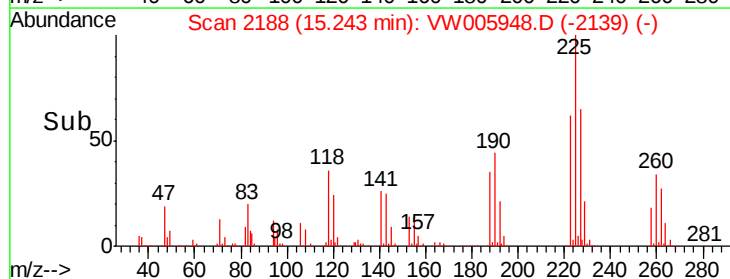
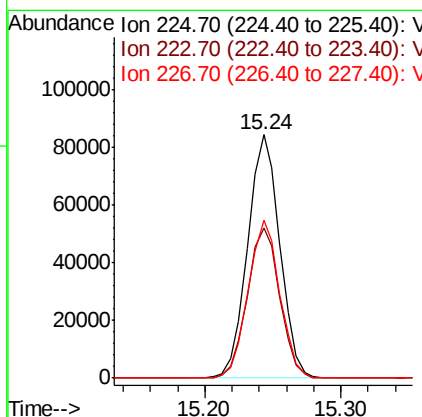
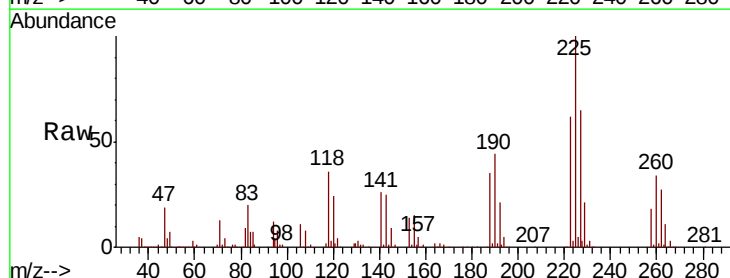
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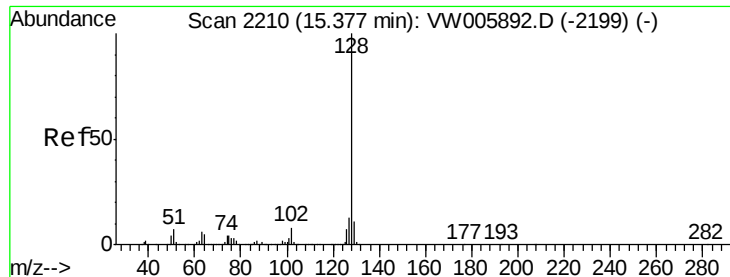
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#94
 Hexachlorobutadiene
 Concen: 52.404 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005948.D
 Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139737		
223	62.6	31.2	93.6	
227	63.8	31.9	95.9	





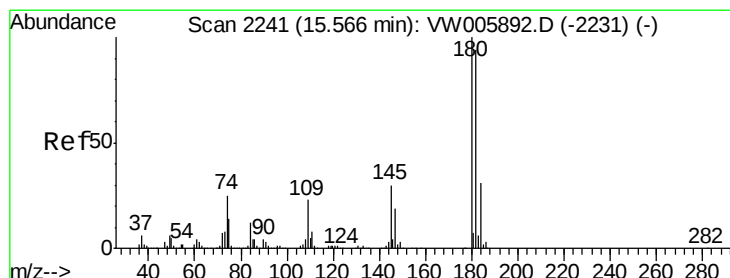
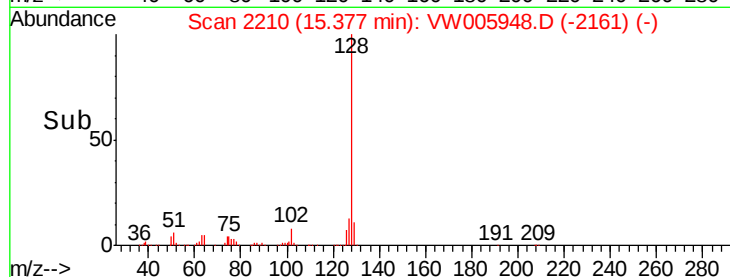
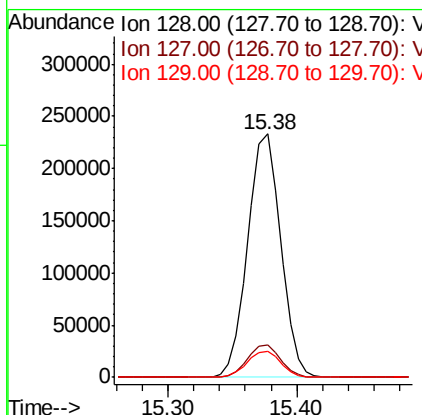
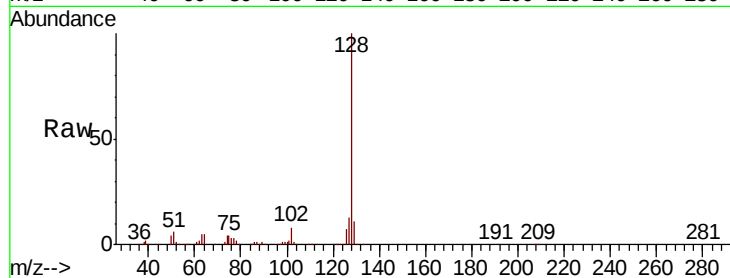
#95
Naphthalene
Concen: 56.040 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.9	8.9	13.3

Manual Integrations
APPROVED

apatel
10/10/2018 11:34:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.758 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005948.D
Acq: 09 Oct 2018 19:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.8
145	30.5	15.3	45.9

