

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012196.D
 Acq On : 27 Aug 2019 02:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 11:04:55 AM

Quant Time: Aug 27 06:59:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	401258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168059	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	150398	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
35) Dibromofluoromethane	7.88	113	118768	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
50) Toluene-d8	10.32	98	475034	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.62	95	173812	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	67034	45.900	ug/l	99
3) Chloromethane	2.21	50	110116	48.667	ug/l	100
4) Vinyl Chloride	2.36	62	132177	47.728	ug/l	99
5) Bromomethane	2.77	94	78660	56.084	ug/l	98
6) Chloroethane	2.92	64	82256	52.652	ug/l	95
7) Trichlorofluoromethane	3.25	101	63090	45.369	ug/l	97
8) Diethyl Ether	3.68	74	79194	59.998	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	117453	49.690	ug/l	98
10) Methyl Iodide	4.27	142	180078	56.306	ug/l	99
11) Tert butyl alcohol	5.17	59	54945	323.814	ug/l	99
12) 1,1-Dichloroethene	4.04	96	123510	51.915	ug/l	96
13) Acrolein	3.89	56	42008	263.004	ug/l	95
14) Allyl chloride	4.66	41	272793	53.634	ug/l	99
15) Acrylonitrile	5.36	53	208206	318.240	ug/l	99
16) Acetone	4.12	43	171283	237.648	ug/l	97
17) Carbon Disulfide	4.38	76	361211	50.237	ug/l	100
18) Methyl Acetate	4.67	43	119012	66.668	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	241906	62.876	ug/l	99
20) Methylene Chloride	4.92	84	146602	53.805	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	139010	54.488	ug/l	99
22) Diisopropyl ether	6.31	45	566882	60.130	ug/l	96
23) Vinyl Acetate	6.25	43	1784274	307.531	ug/l	99
24) 1,1-Dichloroethane	6.21	63	290027	56.500	ug/l	99
25) 2-Butanone	7.16	43	296454	302.688	ug/l	99
26) 2,2-Dichloropropane	7.16	77	139603	48.049	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	161205	59.141	ug/l	98
28) Bromochloromethane	7.51	49	124964	55.855	ug/l #	24
29) Tetrahydrofuran	7.52	42	198179	337.267	ug/l	99
30) Chloroform	7.67	83	268496	57.171	ug/l	98
31) Cyclohexane	7.95	56	247537	48.741	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	204272	54.983	ug/l	99
36) 1,1-Dichloropropene	8.08	75	212270	51.192	ug/l	100
37) Ethyl Acetate	7.25	43	137043	60.312	ug/l	100
38) Carbon Tetrachloride	8.07	117	180944	50.417	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	234986	50.445	ug/l	98
40) Benzene	8.32	78	612654	54.110	ug/l	99
41) Methacrylonitrile	7.48	41	84806	63.502	ug/l	97
42) 1,2-Dichloroethane	8.40	62	201691	56.838	ug/l	99
43) Isopropyl Acetate	8.42	43	265513	63.084	ug/l	99
44) Trichloroethene	9.09	130	148297	53.878	ug/l	95
45) 1,2-Dichloropropane	9.37	63	171689	56.343	ug/l	100
46) Dibromomethane	9.46	93	78300	57.752	ug/l	99
47) Bromodichloromethane	9.64	83	202635	56.157	ug/l	97
48) Methyl methacrylate	9.43	41	129009	64.401	ug/l	99
49) 1,4-Dioxane	9.45	88	24328	1172.117	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	687084	320.951	ug/l	100
52) Toluene	10.38	92	374456	55.052	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	216213	58.825	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	252843	56.972	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	113158	58.990	ug/l	99
56) Ethyl methacrylate	10.65	69	181678	65.074	ug/l	99
57) 1,3-Dichloropropane	10.93	76	215236	59.375	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	435195	303.727	ug/l	100
59) 2-Hexanone	10.97	43	467995	308.961	ug/l	99
60) Dibromochloromethane	11.13	129	136502	63.887	ug/l	95
61) 1,2-Dibromoethane	11.23	107	109385	61.208	ug/l	98
64) Tetrachloroethene	10.86	164	128121	55.235	ug/l	98
65) Chlorobenzene	11.66	112	379975	53.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135931	55.308	ug/l	99
67) Ethyl Benzene	11.73	91	727006	53.571	ug/l	99
68) m/p-Xylenes	11.84	106	523575	107.106	ug/l	100
69) o-Xylene	12.16	106	251708	55.634	ug/l	99
70) Styrene	12.18	104	436953	55.796	ug/l	100
71) Bromoform	12.35	173	73645	60.143	ug/l #	98
73) Isopropylbenzene	12.46	105	681295	54.102	ug/l	99
74) N-amyl acetate	12.27	43	244668	64.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	139617	60.476	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	92804m	56.699	ug/l	
77) Bromobenzene	12.74	156	156997	57.628	ug/l	97
78) n-propylbenzene	12.80	91	816516	53.112	ug/l	99
79) 2-Chlorotoluene	12.89	91	476085	54.546	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	575621	54.703	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	44049	59.006	ug/l	97
82) 4-Chlorotoluene	12.99	91	496143	54.289	ug/l	99
83) tert-Butylbenzene	13.21	119	489870	54.958	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	576981	54.585	ug/l	100
85) sec-Butylbenzene	13.38	105	686923	53.791	ug/l	99
86) p-Isopropyltoluene	13.50	119	615610	53.979	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	287667	53.984	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	286834	54.212	ug/l	99
89) n-Butylbenzene	13.82	91	593825	52.360	ug/l	100
90) Hexachloroethane	14.09	117	110285	55.118	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	262953	56.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	24483	62.906	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	185303	57.361	ug/l	99
94) Hexachlorobutadiene	15.24	225	111748	52.388	ug/l	97
95) Naphthalene	15.36	128	390961	60.666	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	169031	59.972	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 237187

Ion Ratio Lower Upper

168 100

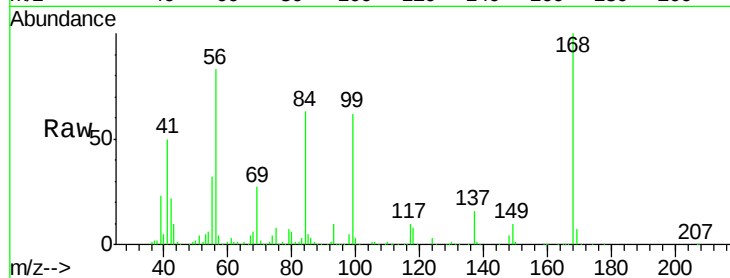
99 61.8 49.2 73.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

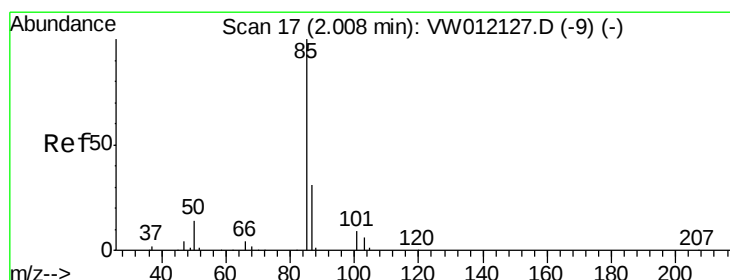
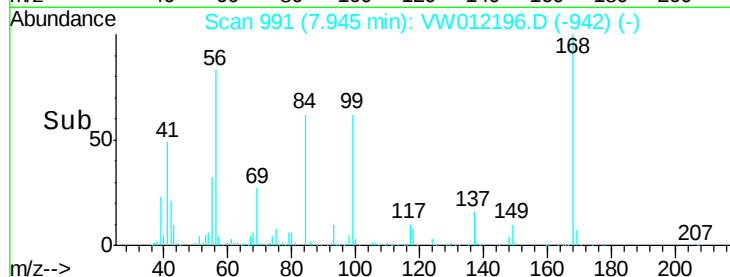
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 45.900 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012196.D

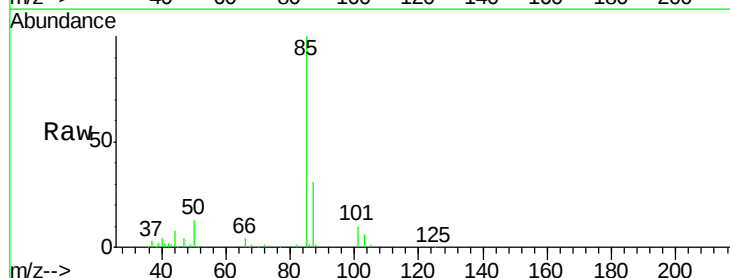
Acq: 27 Aug 2019 02:26

Tgt Ion: 85 Resp: 67034

Ion Ratio Lower Upper

85 100

87 30.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

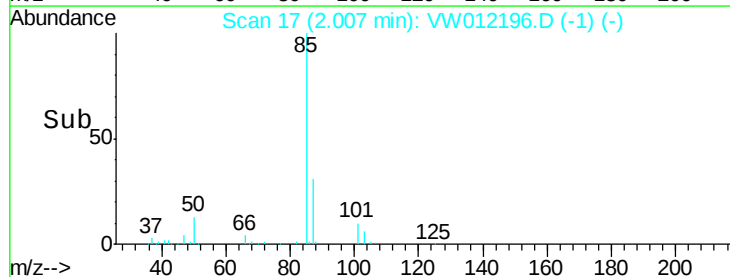
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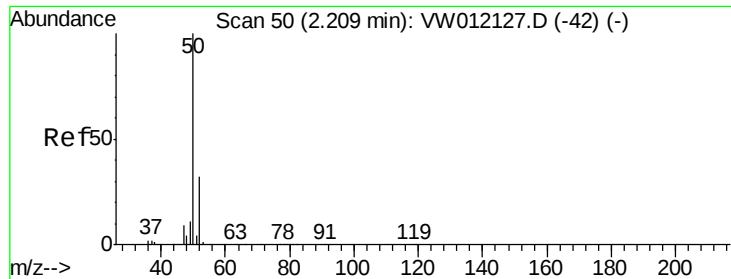
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 48.667 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 110116

Ion Ratio Lower Upper

50 100

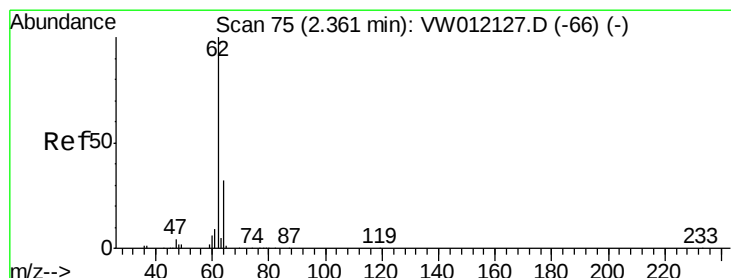
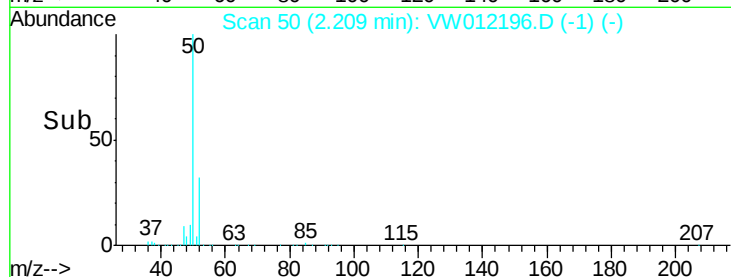
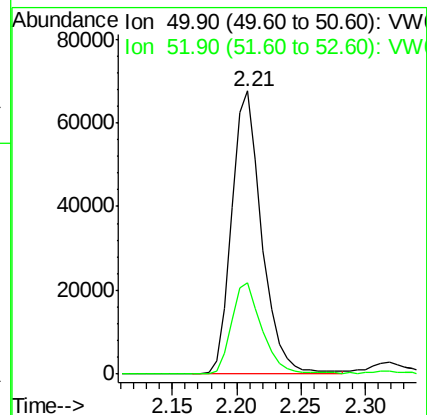
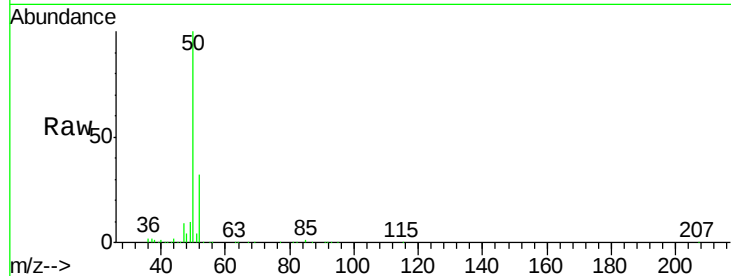
52 32.2 25.5 38.3

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#4

Vinyl Chloride

Concen: 47.728 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012196.D

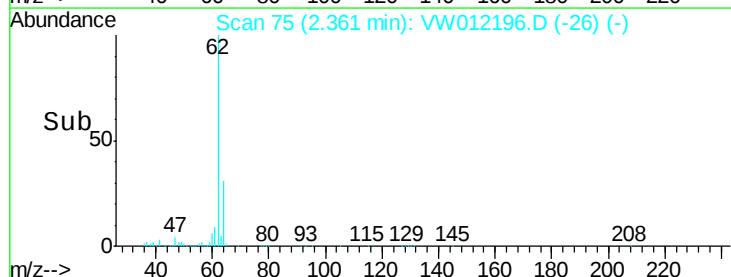
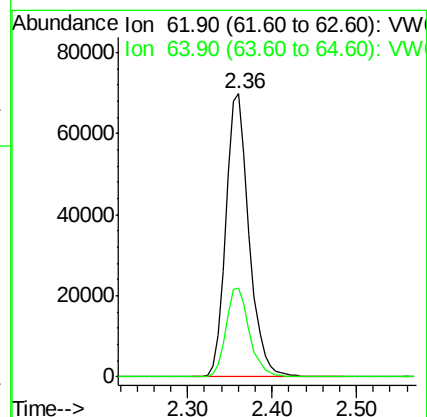
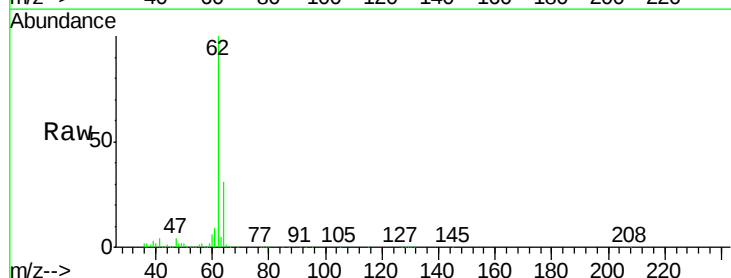
Acq: 27 Aug 2019 02:26

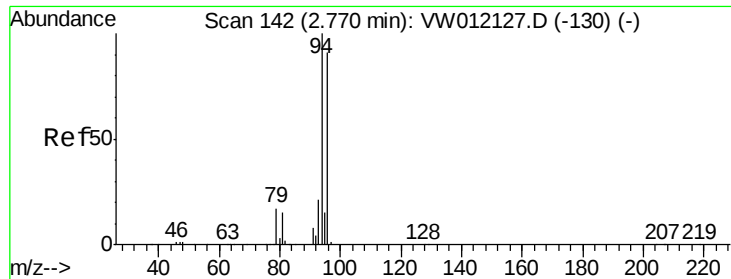
Tgt Ion: 62 Resp: 132177

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9





#5

Bromomethane

Concen: 56.084 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

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VSTDCCC050EC

Tot Ion: 94 Resp: 78660

Ion Ratio Lower Upper

94 100

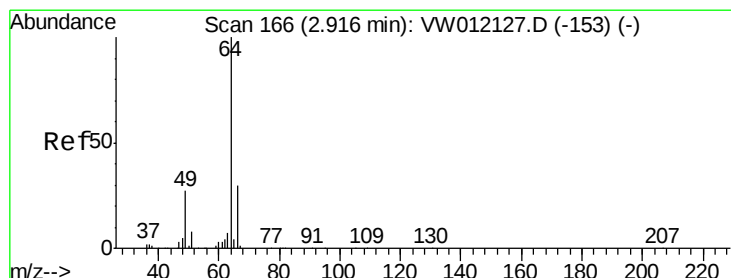
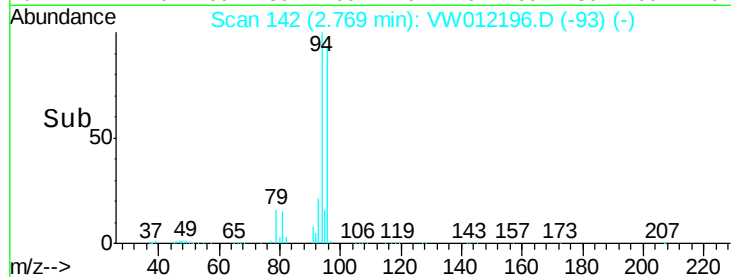
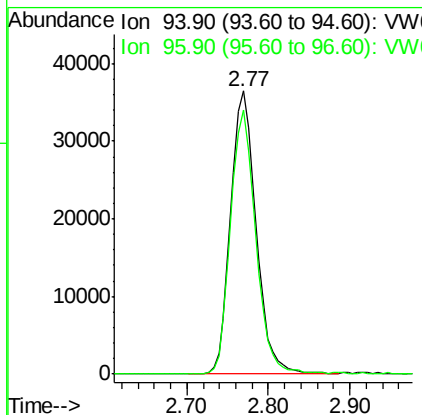
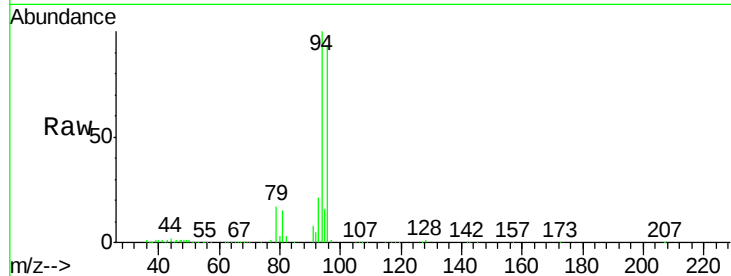
96 93.3 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 52.652 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012196.D

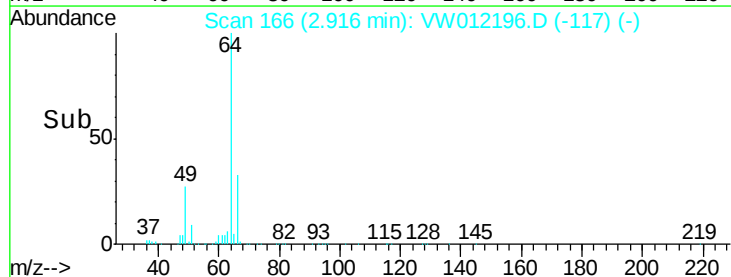
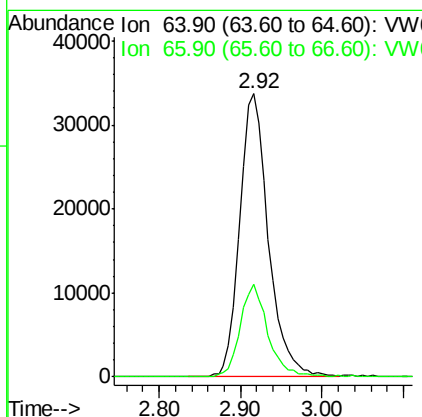
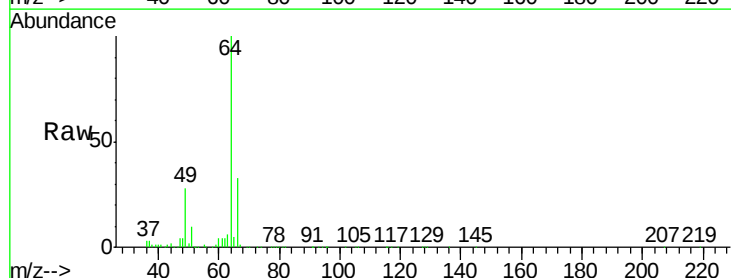
Acq: 27 Aug 2019 02:26

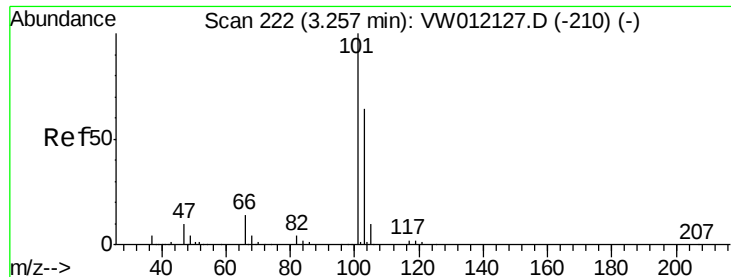
Tgt Ion: 64 Resp: 82256

Ion Ratio Lower Upper

64 100

66 32.7 23.8 35.8





#7

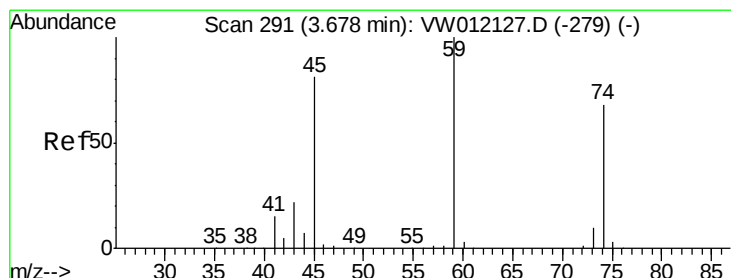
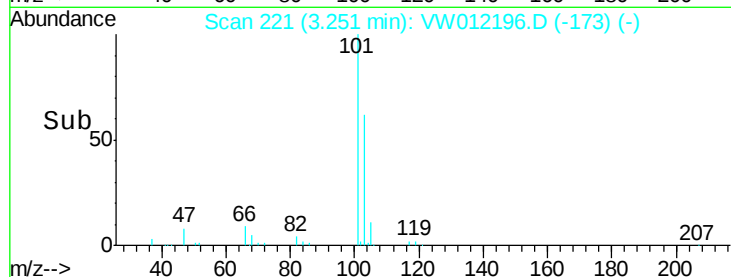
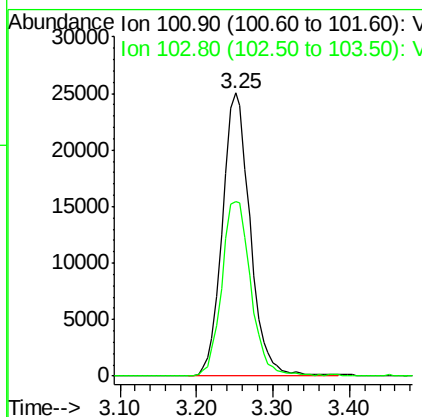
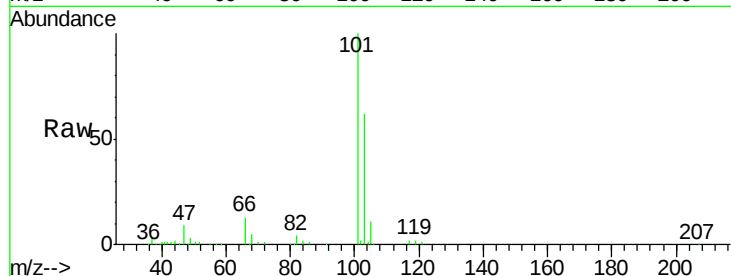
Trichlorofluoromethane
 Concen: 45.369 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012196.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	51.2	76.8

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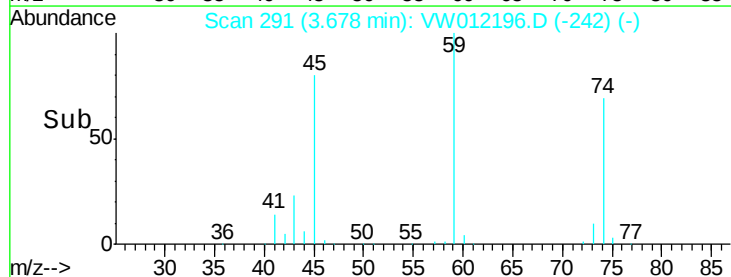
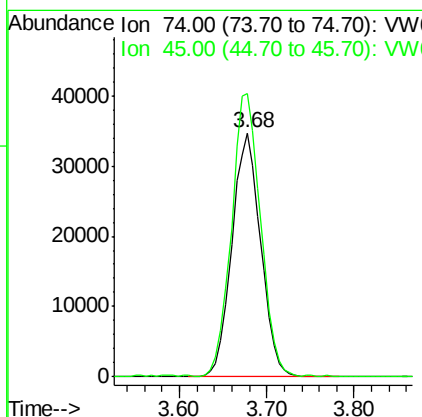
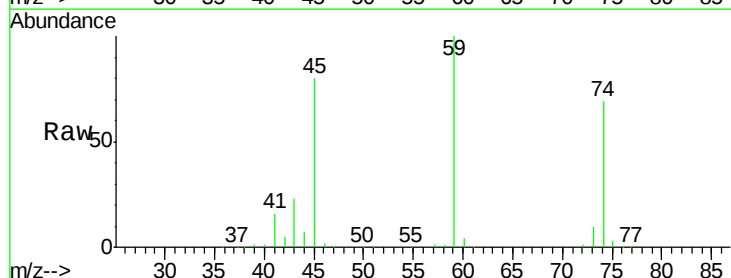
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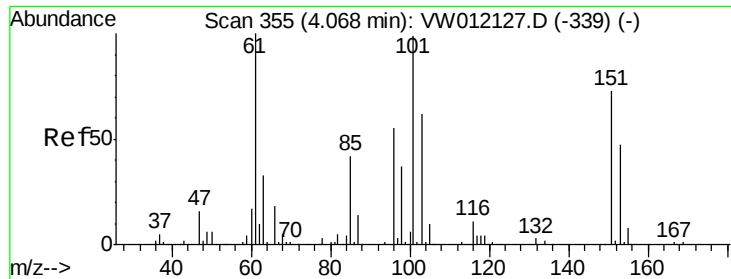


#8

Diethyl Ether
 Concen: 59.998 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.5	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.690 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012196.D

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MSVOA_W

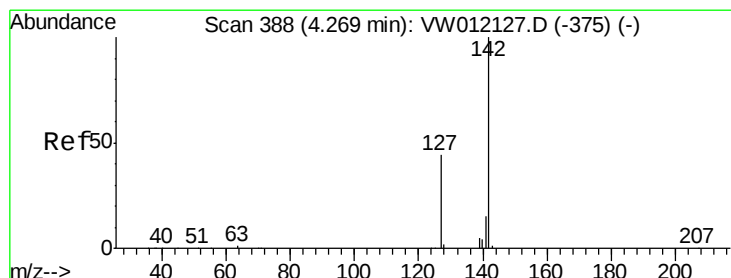
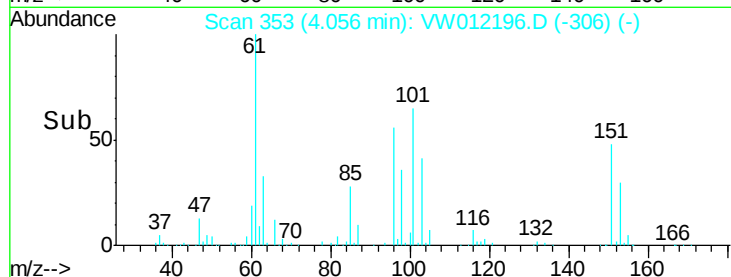
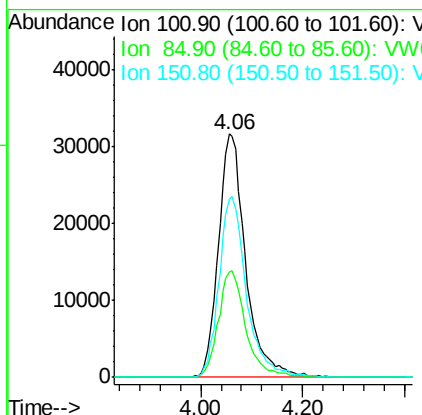
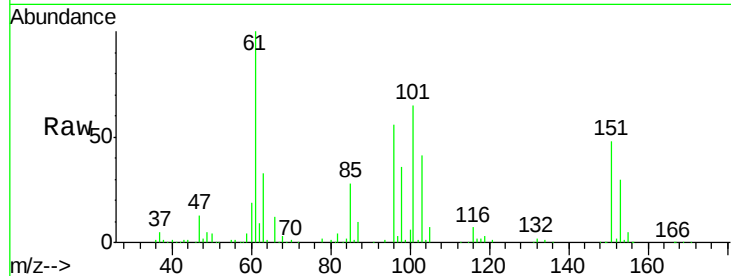
ClientSampleId :

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Tot Ion:	101	Resp:	117453
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.8	53.6
151	75.2	58.6	87.8

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#10

Methyl Iodide

Concen: 56.306 ug/l

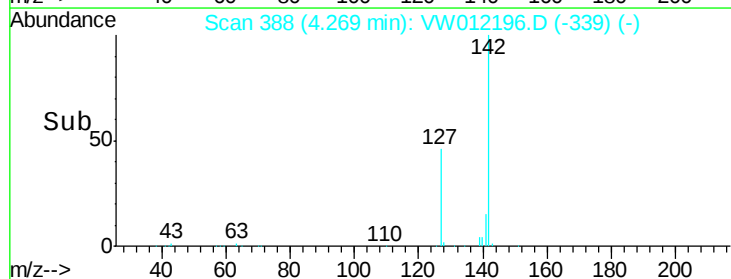
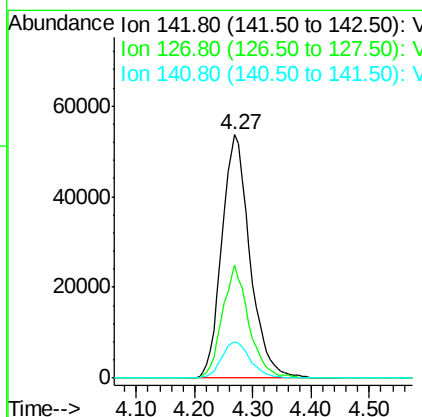
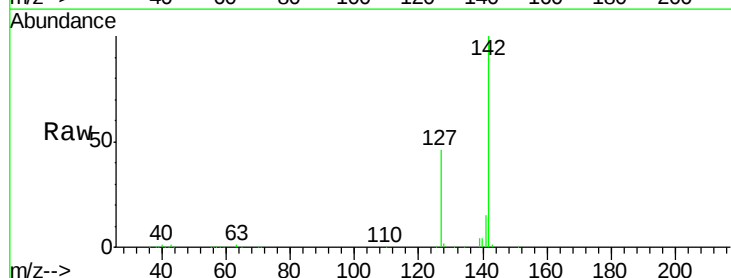
RT: 4.27 min Scan# 388

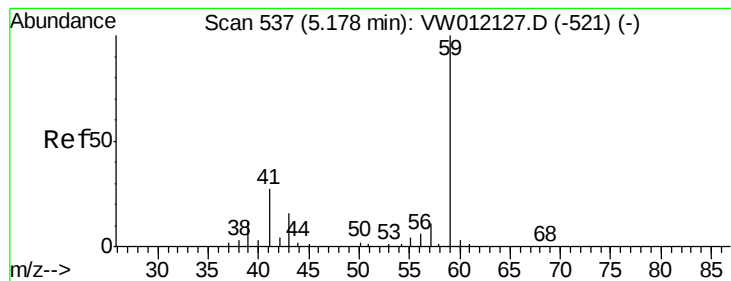
Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Tgt Ion:	142	Resp:	180078
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.5	53.3
141	15.2	11.8	17.8





#11

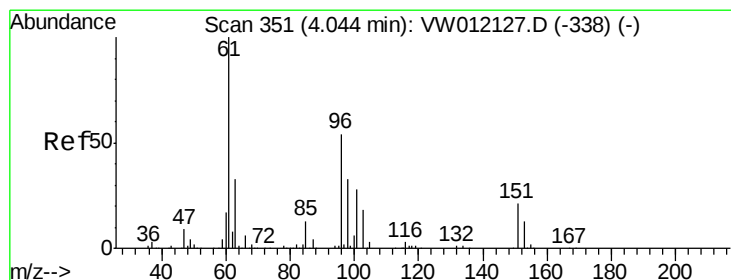
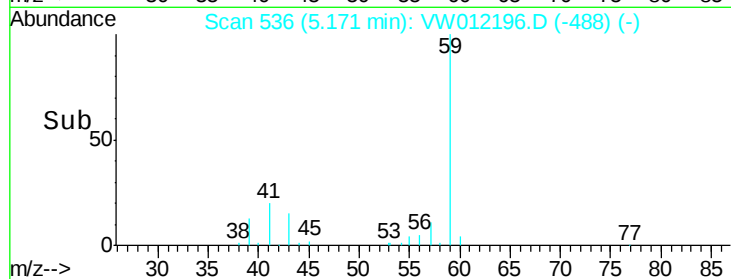
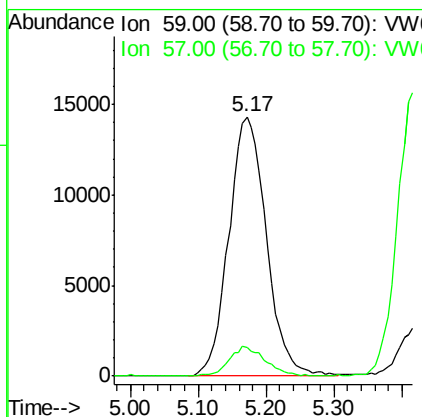
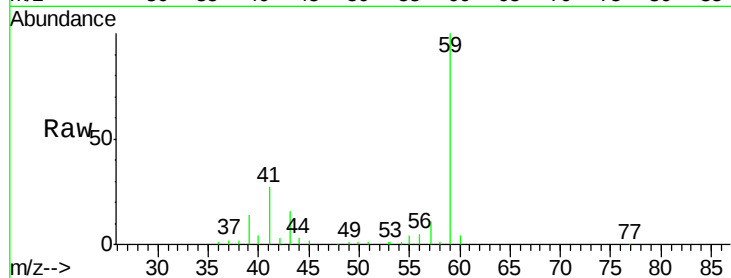
Tert butyl alcohol
 Concen: 323.814 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.0	13.4

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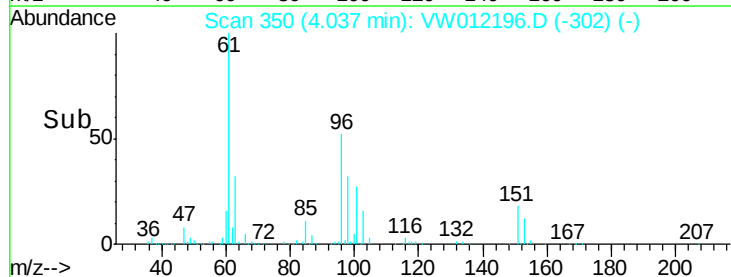
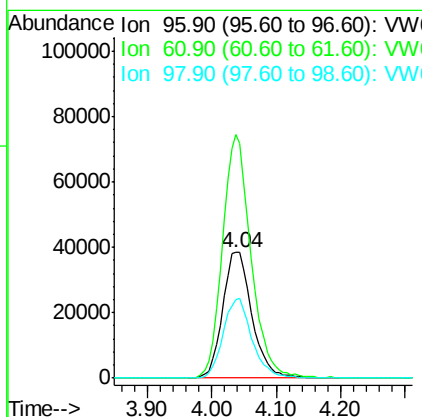
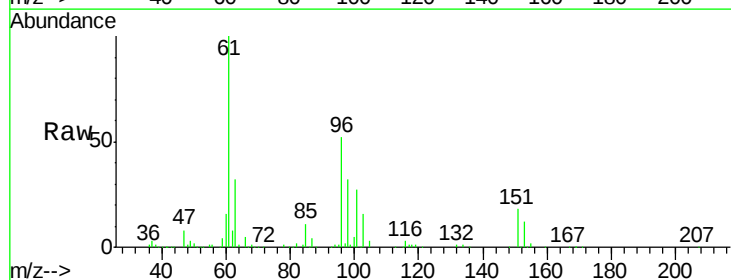
MMDadoda
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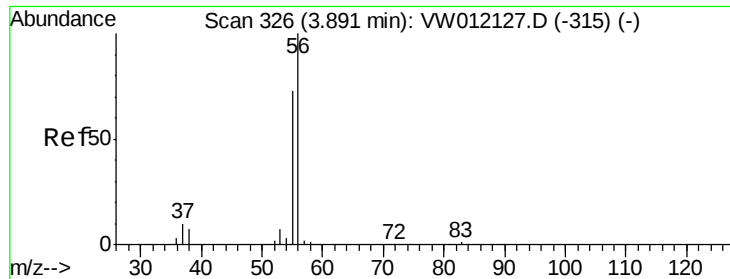


#12

1,1-Dichloroethene
 Concen: 51.915 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	193.3	149.1	223.7
98	62.4	49.4	74.2





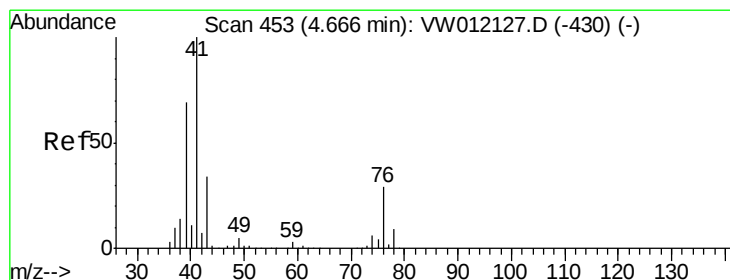
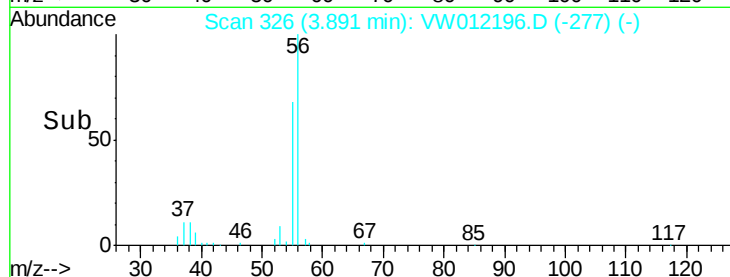
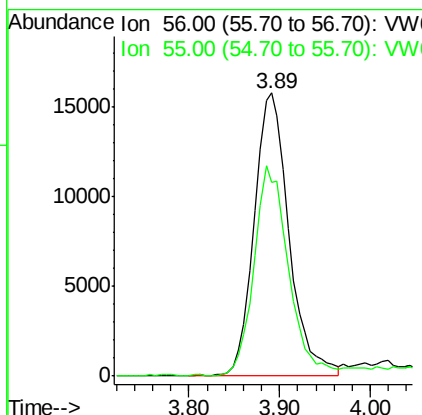
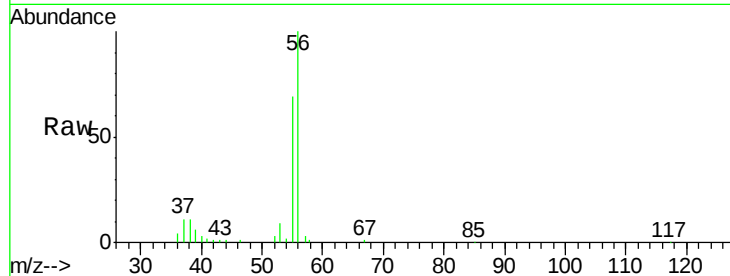
#13
Acrolein
Concen: 263.004 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	42008
Ion Ratio	100	Lower	Upper
55	73.6	55.8	83.8

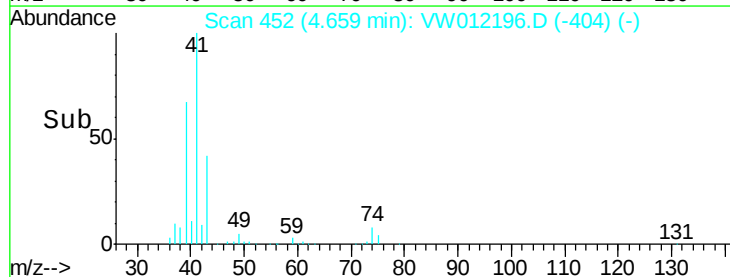
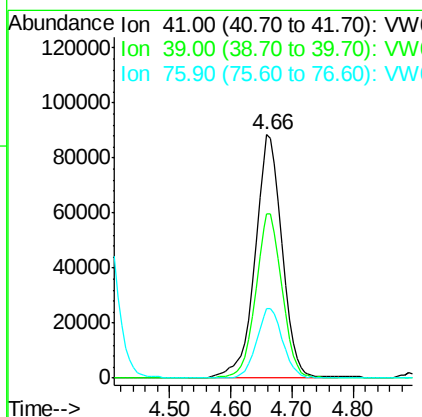
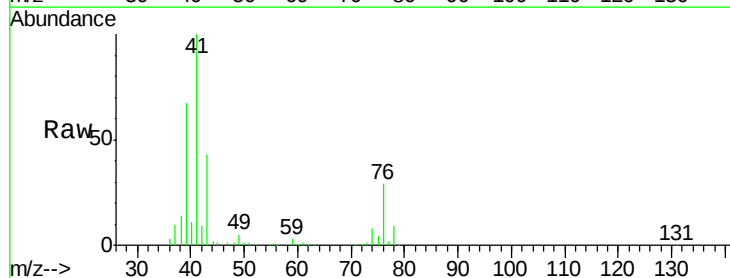
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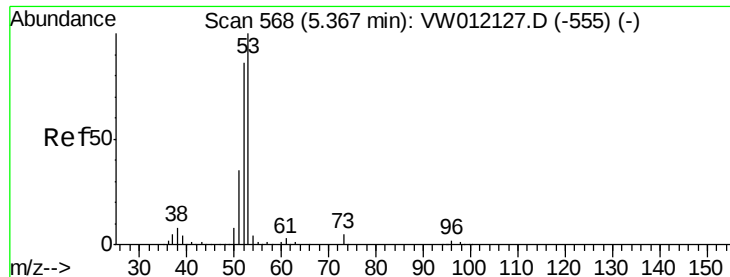
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#14
Allyl chloride
Concen: 53.634 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	41	Resp	272793
Ion Ratio	100	Lower	Upper
39	65.7	53.4	80.2
76	27.8	22.1	33.1





#15

Acrylonitrile

Concen: 318.240 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

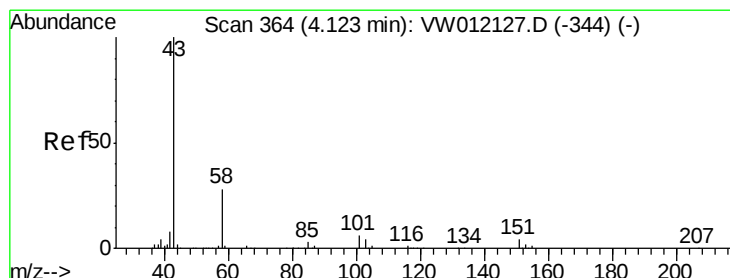
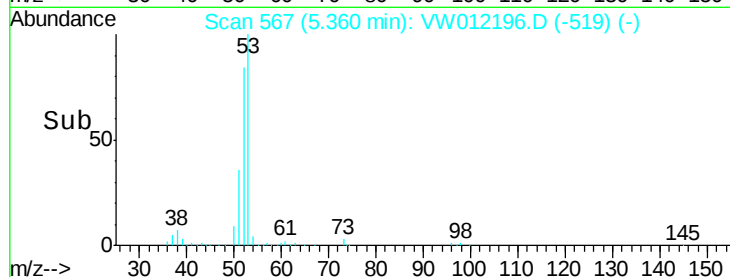
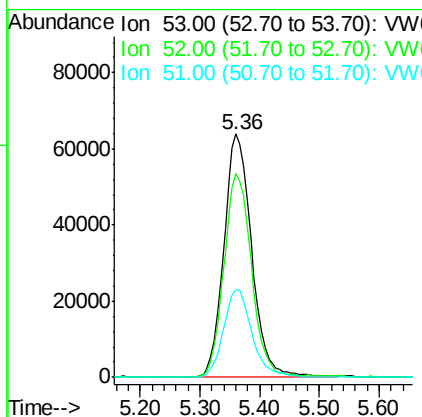
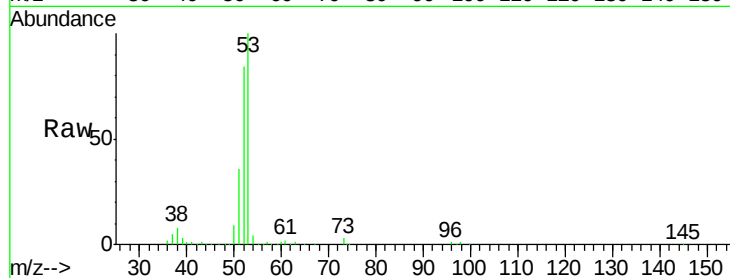
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	208206
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.7	100.1
51	36.8	30.1	45.1

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#16

Acetone

Concen: 237.648 ug/l

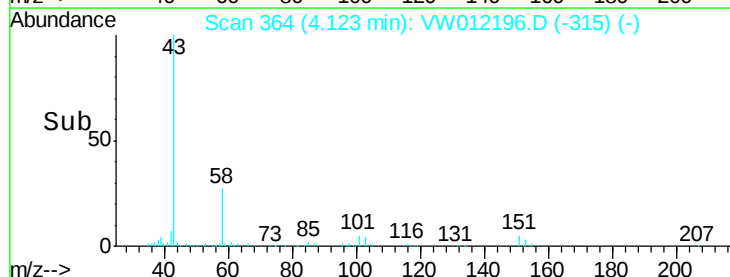
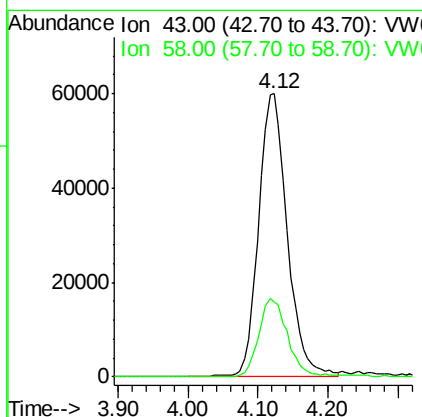
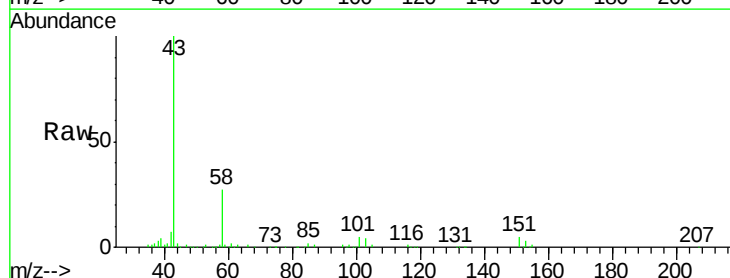
RT: 4.12 min Scan# 364

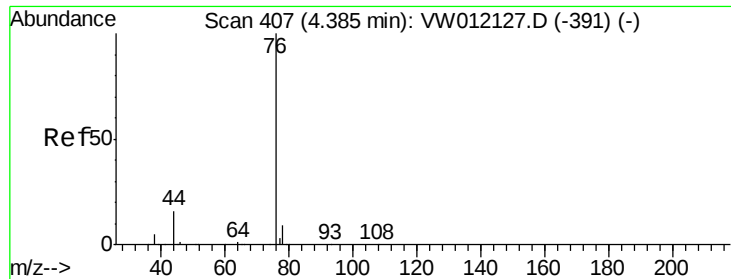
Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Tgt Ion:	43	Resp:	171283
Ion	Ratio	Lower	Upper
43	100		
58	26.3	22.4	33.6





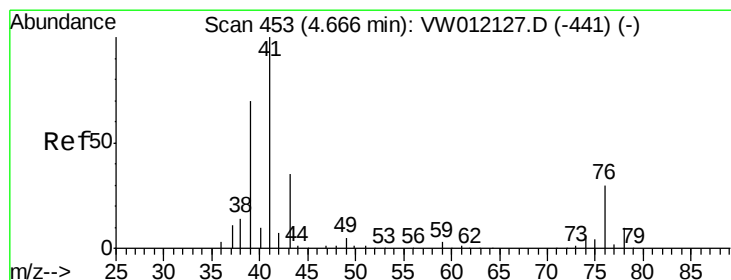
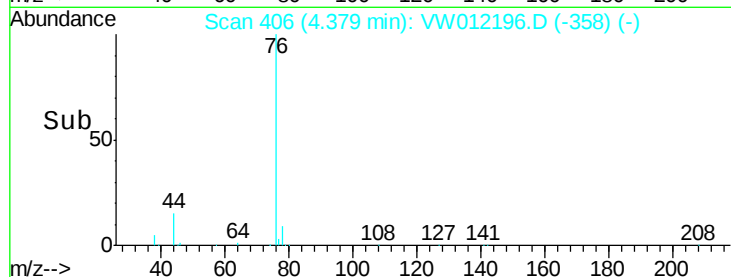
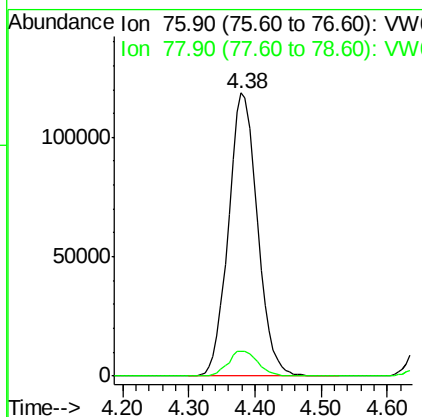
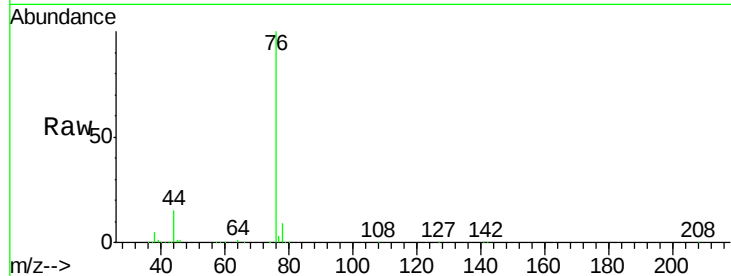
#17
Carbon Disulfide
Concen: 50.237 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

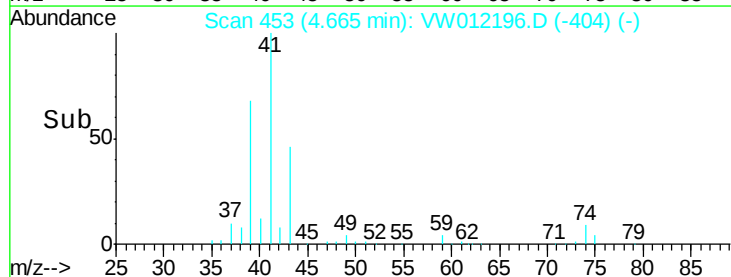
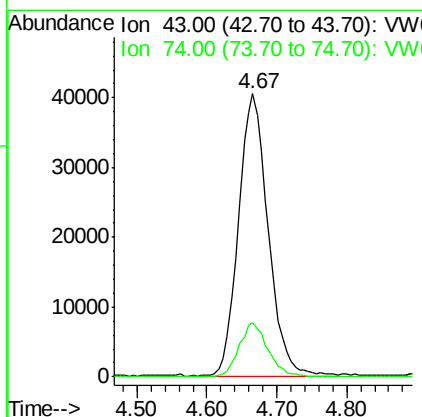
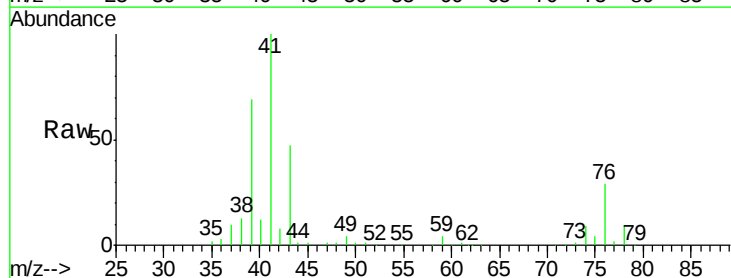
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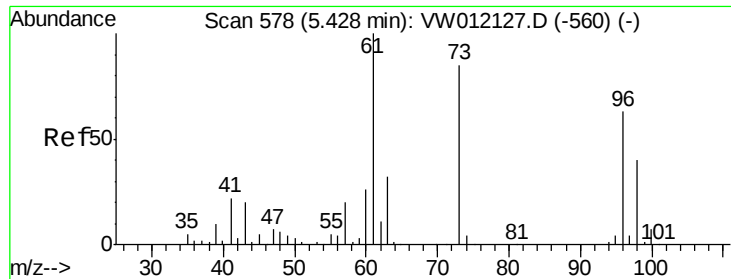
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#18
Methyl Acetate
Concen: 66.668 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.0	15.7	23.5





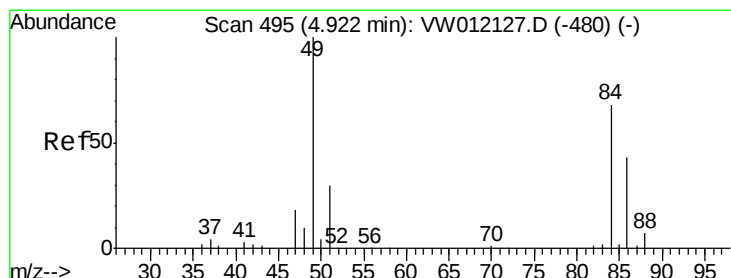
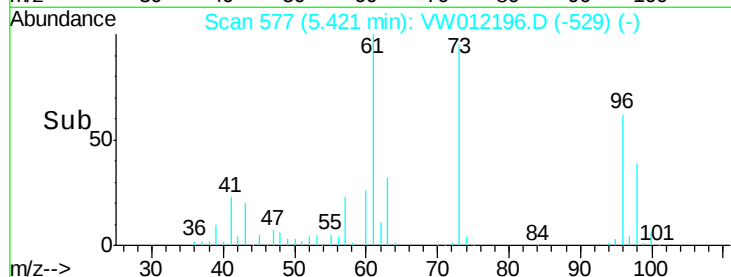
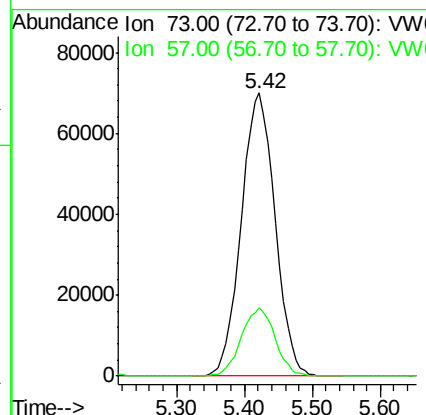
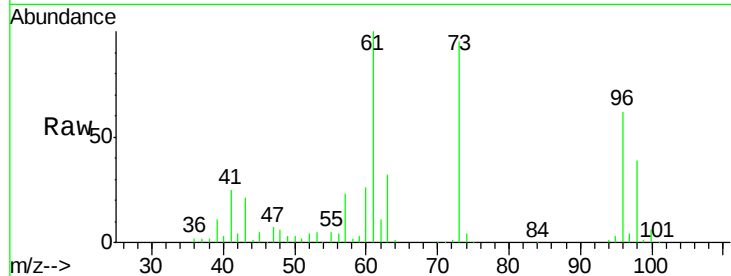
#19
Methvl tert-butvl Ether
Concen: 62.876 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 241906
Ion Ratio Lower Upper
73 100
57 24.2 18.9 28.3

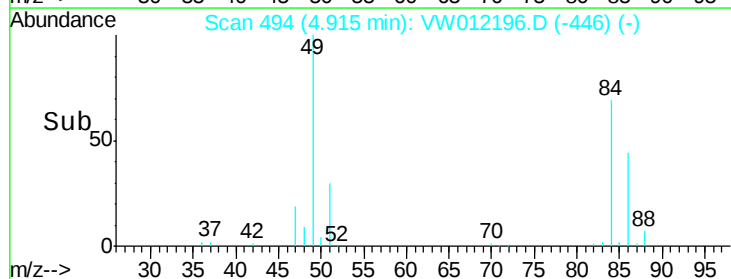
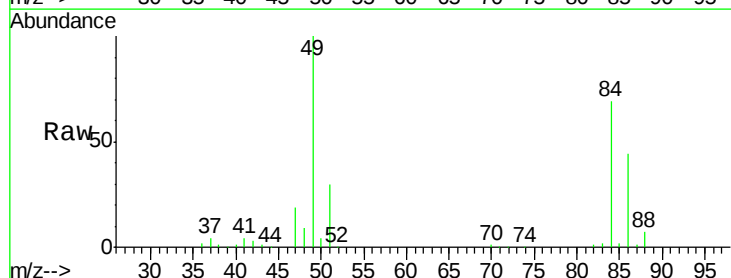
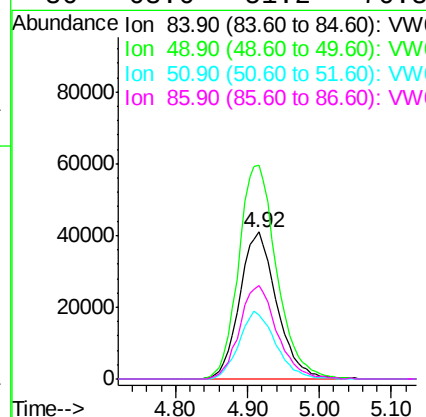
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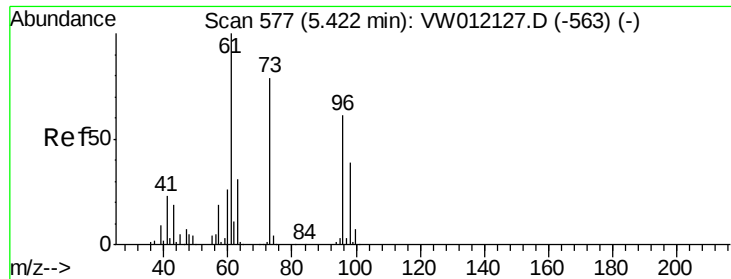
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#20
Methylene Chloride
Concen: 53.805 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion: 84 Resp: 146602
Ion Ratio Lower Upper
84 100
49 145.5 117.8 176.8
51 43.2 35.6 53.4
86 63.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 54.488 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 139010

Ion Ratio Lower Upper

96 100

61 162.6 131.4 197.0

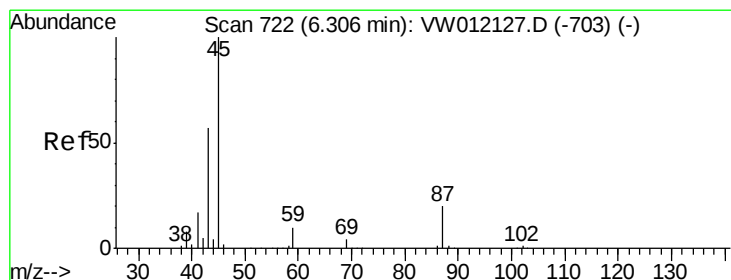
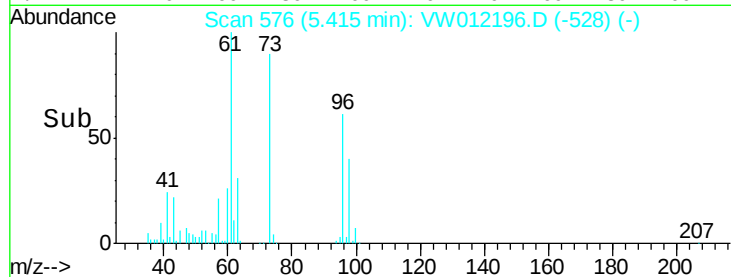
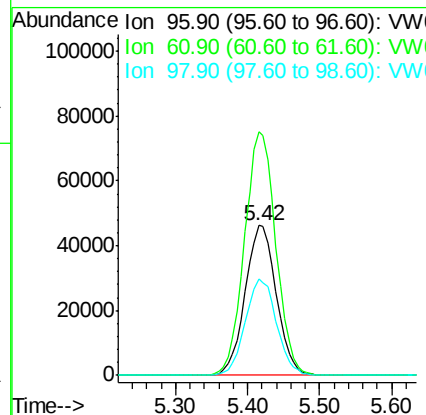
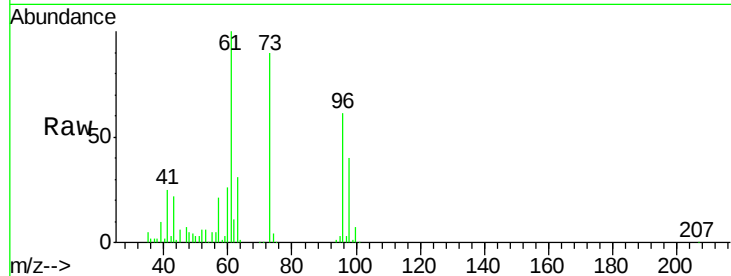
98 64.3 51.4 77.0

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#22

Diisopropyl ether

Concen: 60.130 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Tgt Ion: 45 Resp: 566882

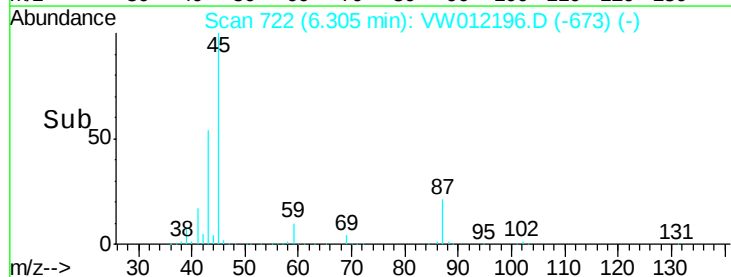
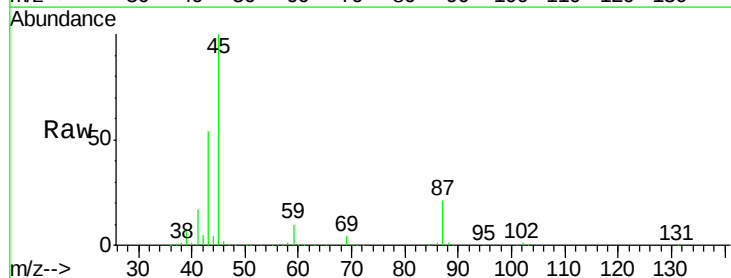
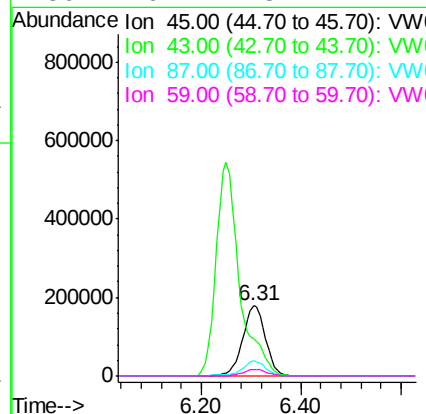
Ion Ratio Lower Upper

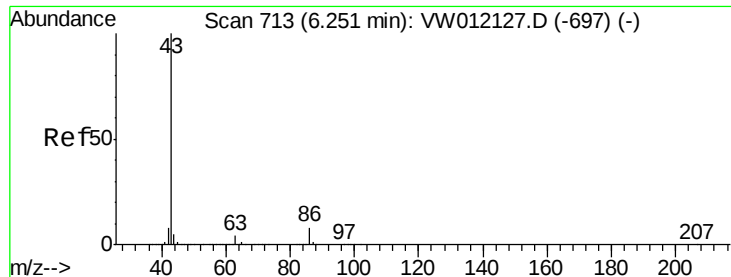
45 100

43 53.7 45.5 68.3

87 21.4 16.1 24.1

59 10.1 8.2 12.2





#23

Vinyl Acetate

Concen: 307.531 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1784274

Ion Ratio Lower Upper

43 100

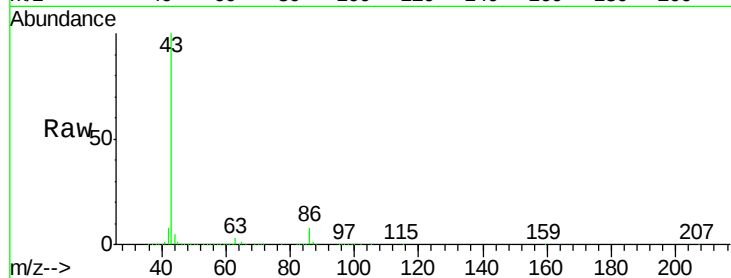
86 8.4 6.5 9.7

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

600000

500000

400000

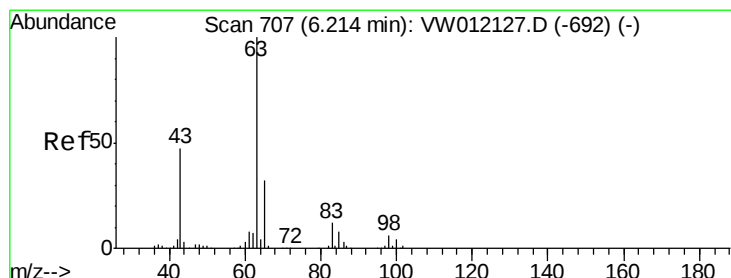
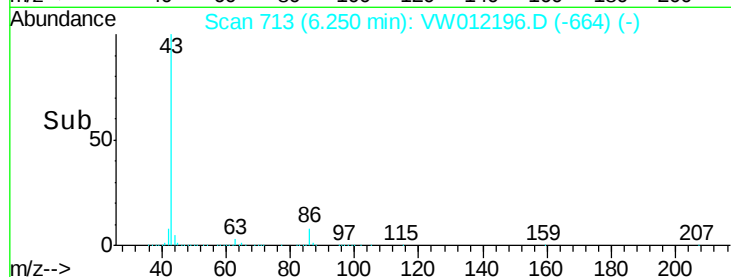
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 56.500 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

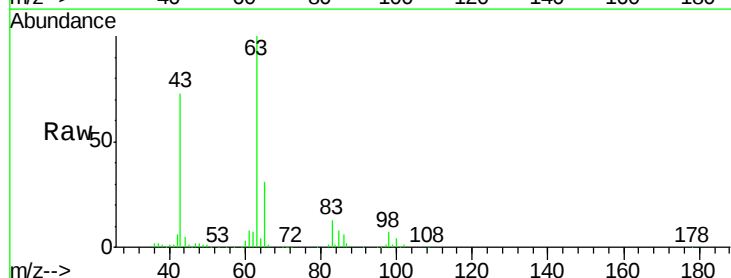
Tgt Ion: 63 Resp: 290027

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

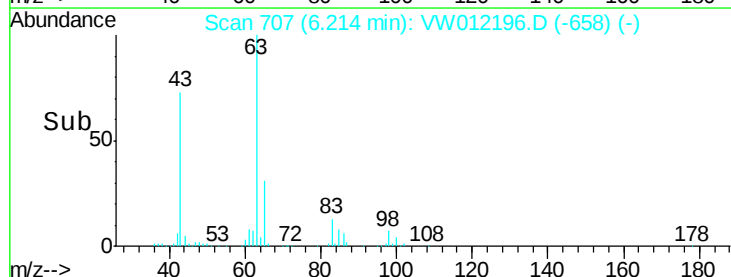
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 302.688 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 296454

Ion Ratio Lower Upper

43 100

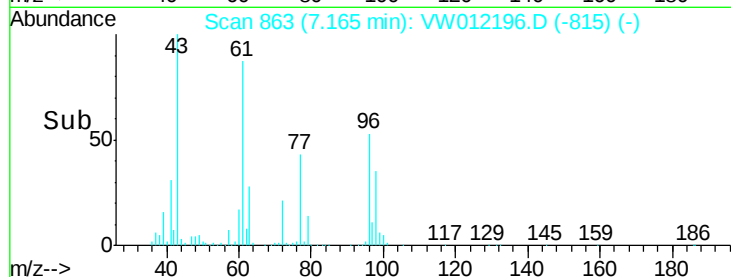
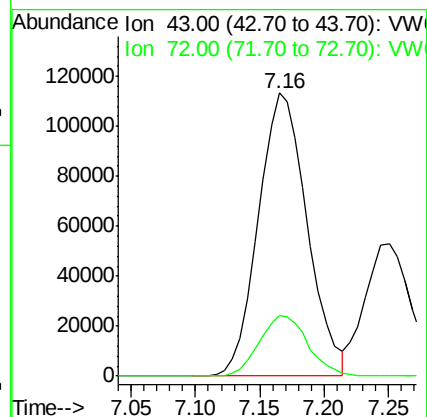
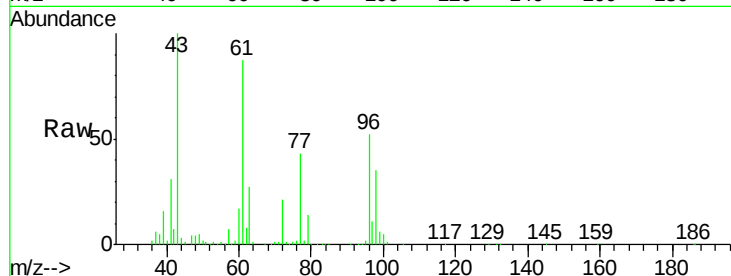
72 21.4 16.6 24.8

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#26

2,2-Dichloropropane

Concen: 48.049 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012196.D

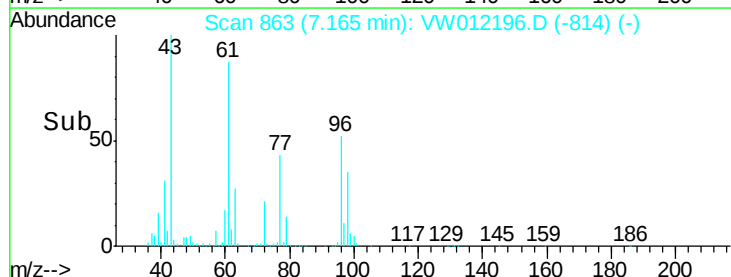
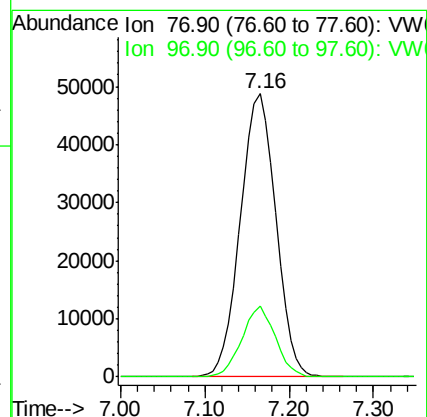
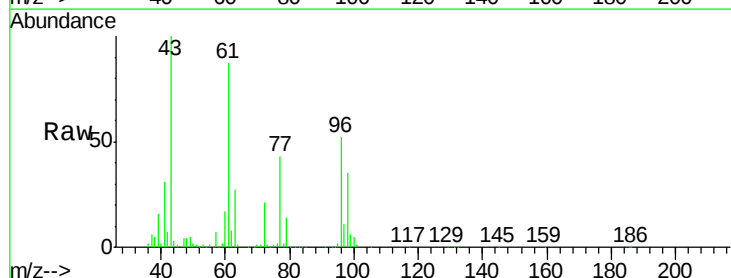
Acq: 27 Aug 2019 02:26

Tgt Ion: 77 Resp: 139603

Ion Ratio Lower Upper

77 100

97 23.4 11.1 33.1





#27

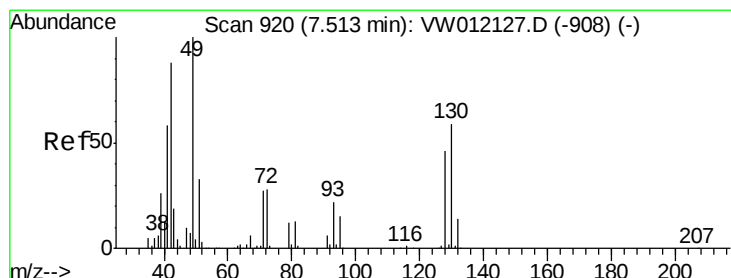
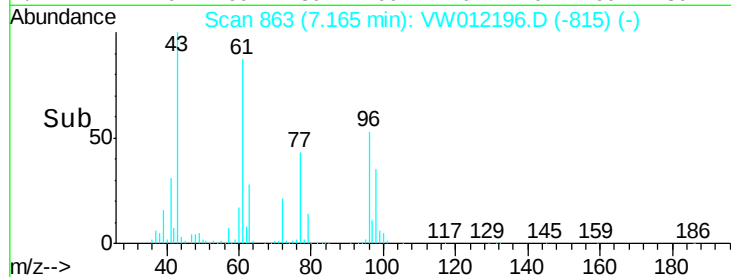
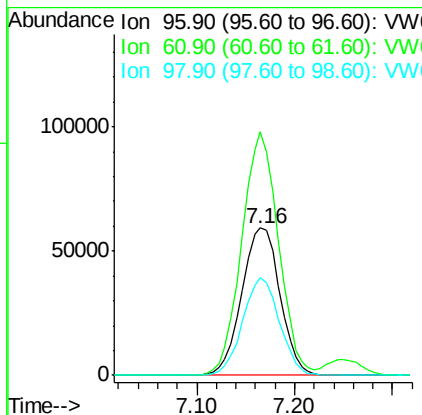
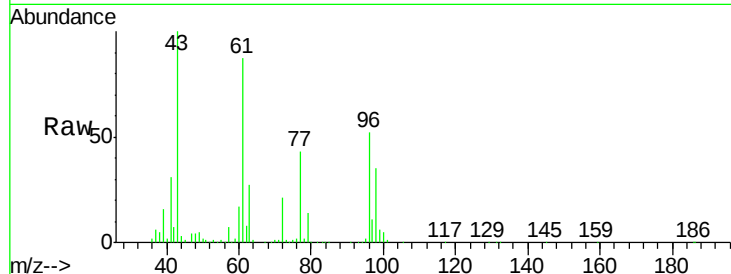
cis-1,2-Dichloroethene
Concen: 59.141 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.7	0.0	326.6	
98	63.7	0.0	127.4	

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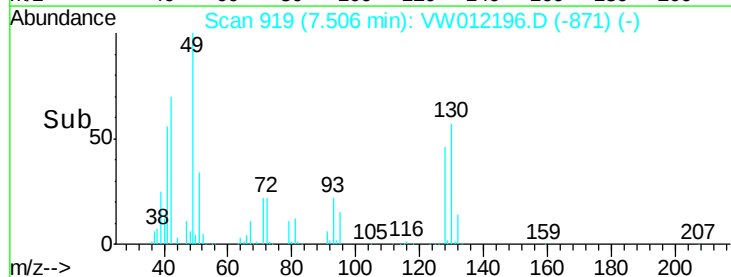
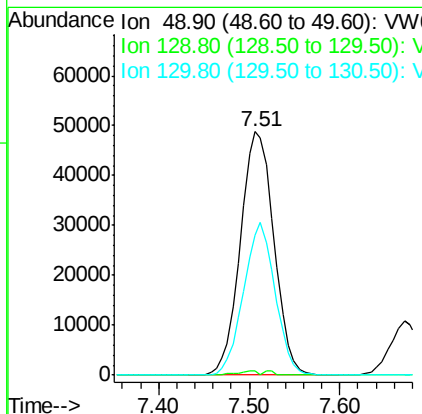
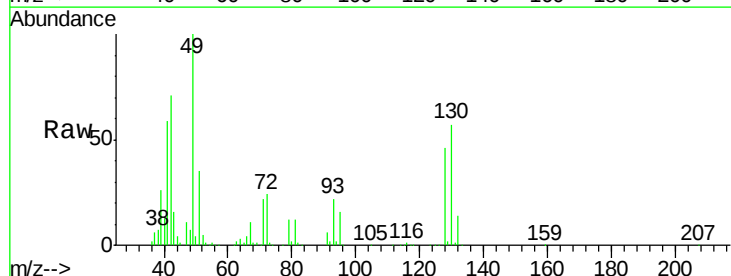
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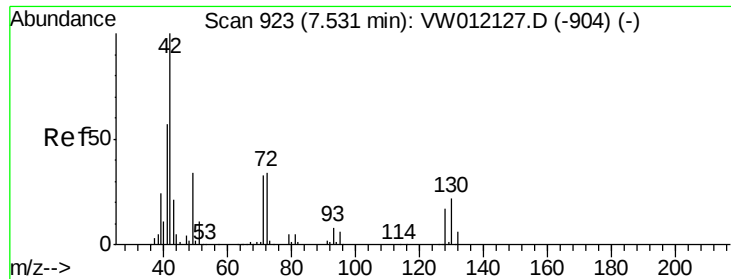


#28

Bromochloromethane
Concen: 55.855 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.0	0.0	1.4	
130	0.0	45.5	68.3	





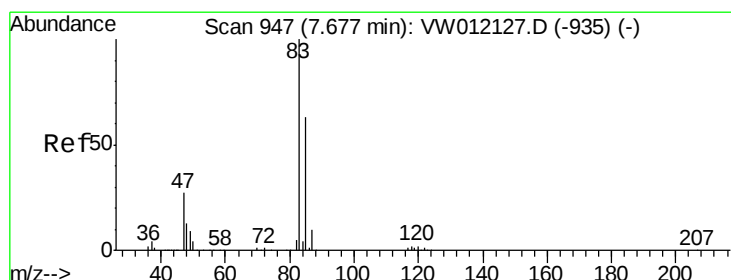
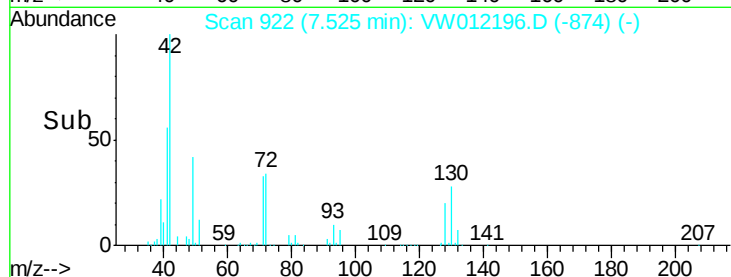
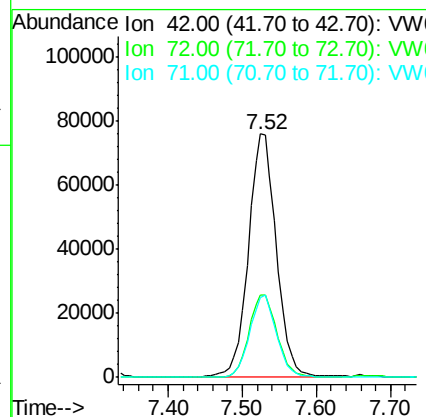
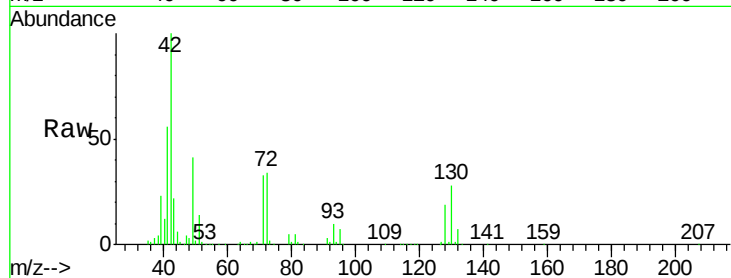
#29
Tetrahydrofuran
Concen: 337.267 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.2	27.3	40.9
71	32.7	25.5	38.3

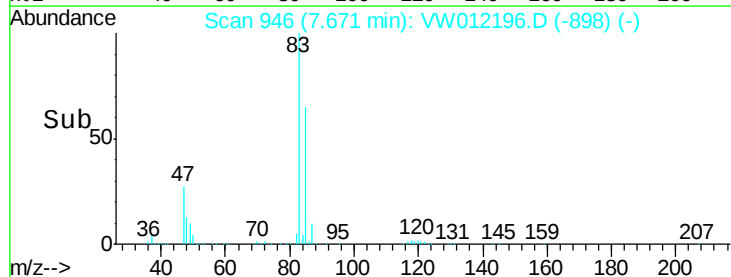
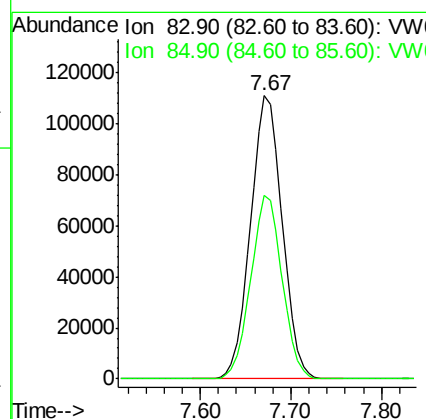
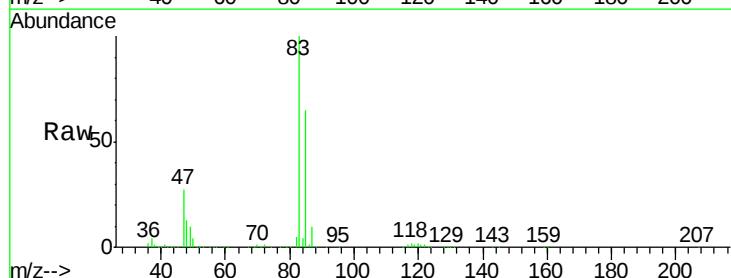
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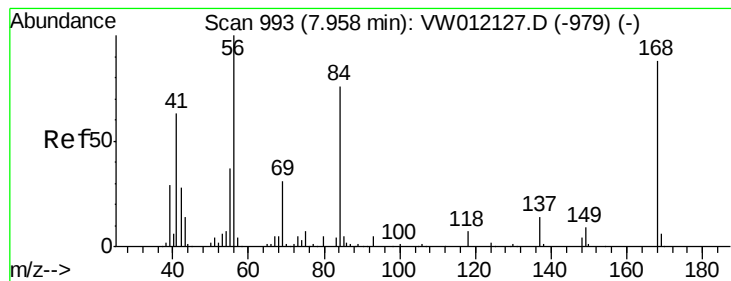
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#30
Chloroform
Concen: 57.171 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.6	76.0





#31

Cvclohexane

Concen: 48.741 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

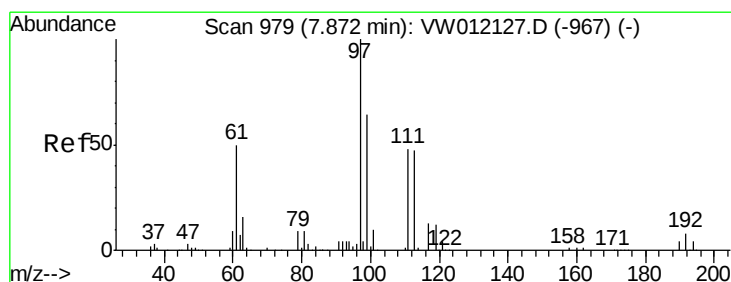
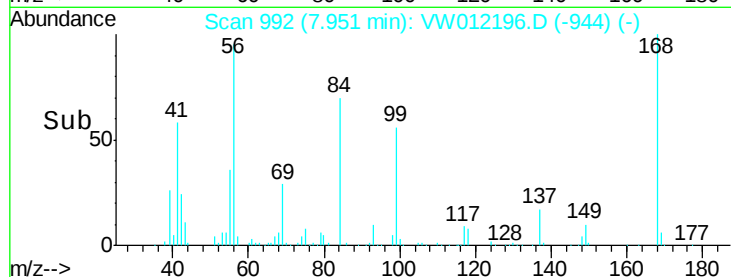
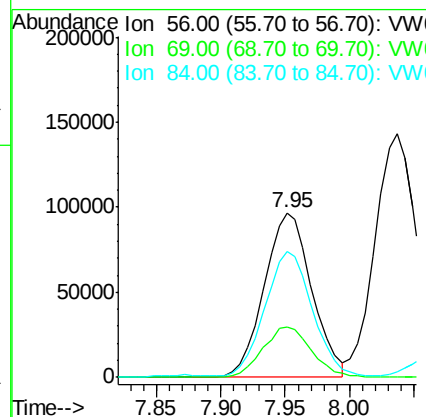
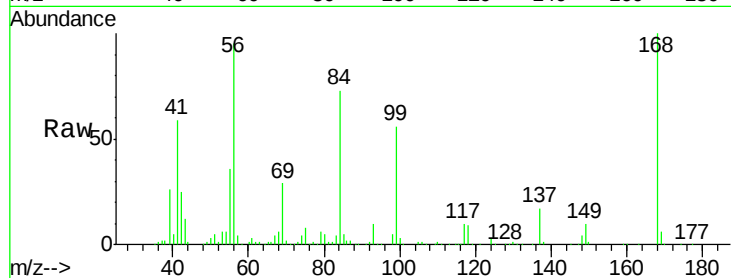
VSTDCCC050EC

Tot Ion: 56 Resp: 247537

Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.9	37.3
84	75.7	60.6	90.8

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#32

1,1,1-Trichloroethane

Concen: 54.983 ug/l

RT: 7.87 min Scan# 979

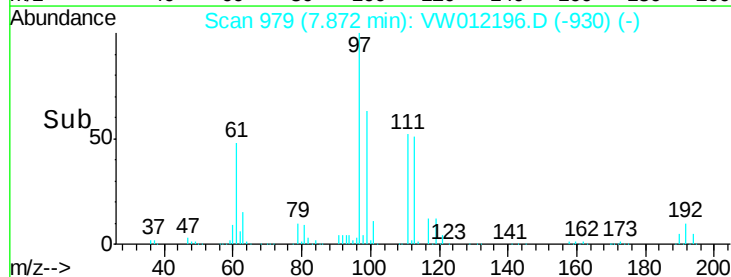
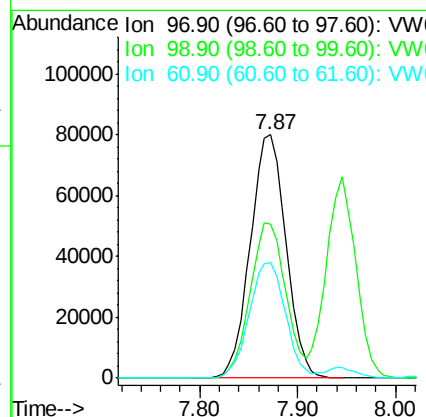
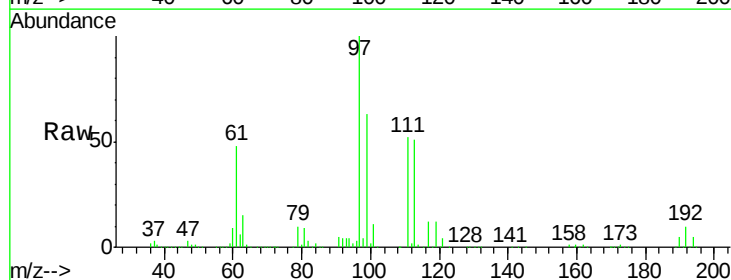
Delta R.T. -0.00 min

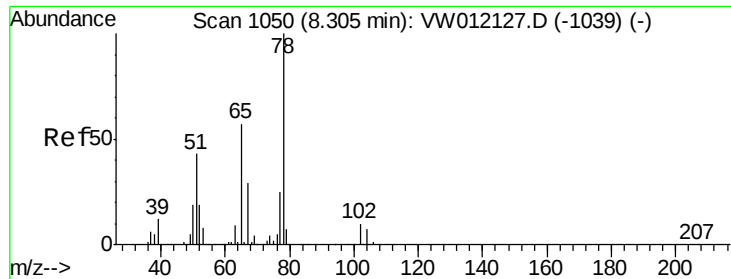
Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Tgt Ion: 97 Resp: 204272

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.0
61	48.4	39.5	59.3





#33

1,2-Dichloroethane-d4

Concen: 53.341 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 150398

Ion Ratio Lower Upper

65 100

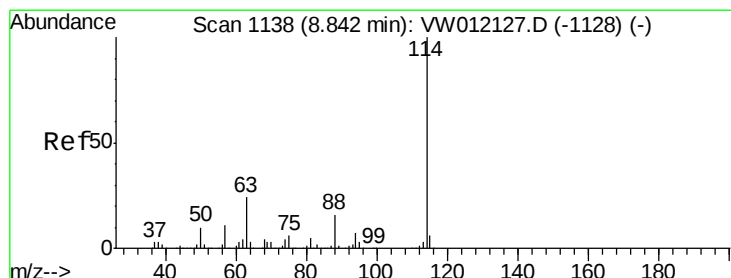
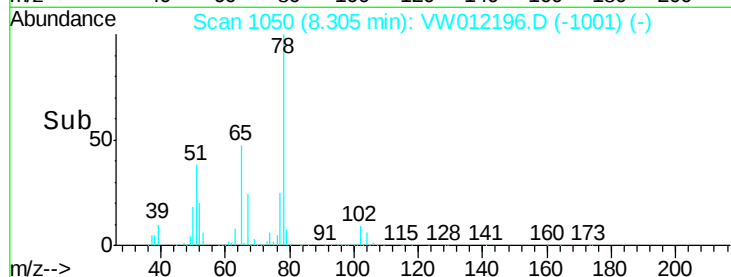
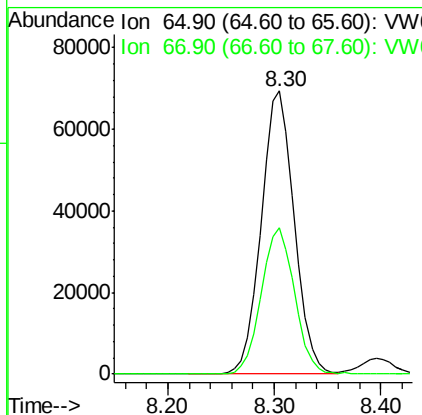
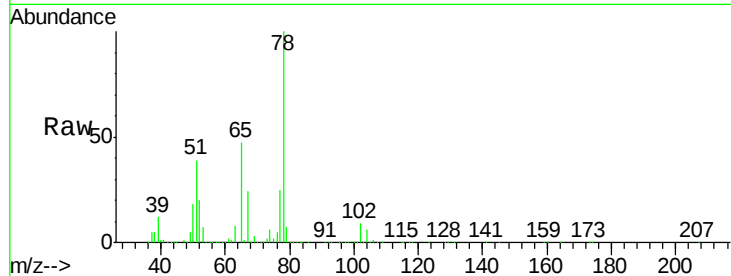
67 52.1 0.0 102.6

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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: VW012196.D

Acq: 27 Aug 2019 02:26

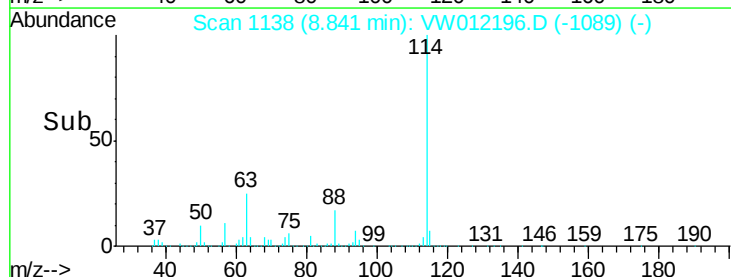
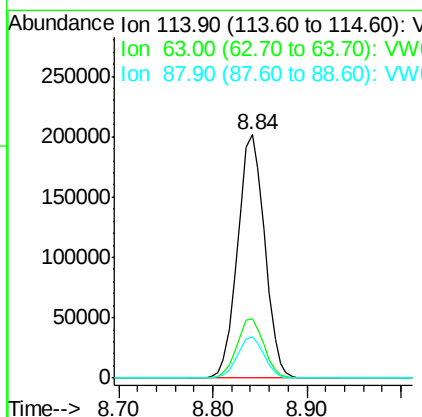
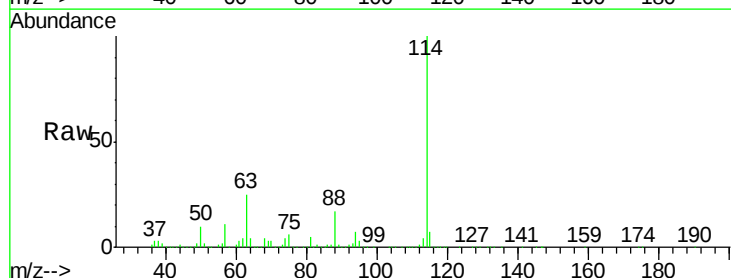
Tgt Ion: 114 Resp: 401258

Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

88 16.8 0.0 32.2





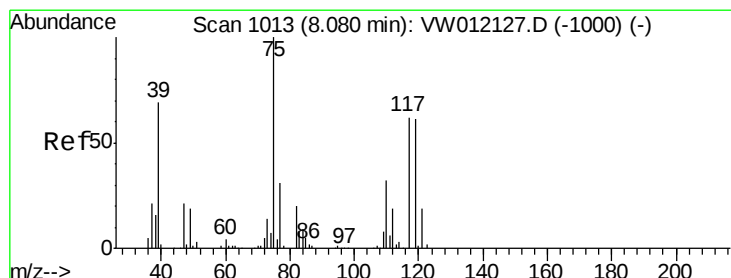
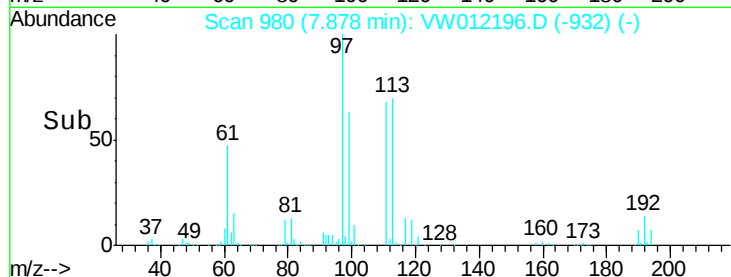
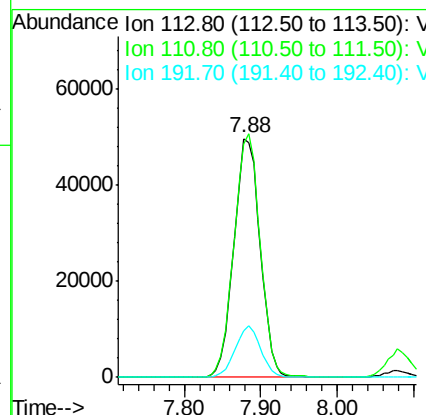
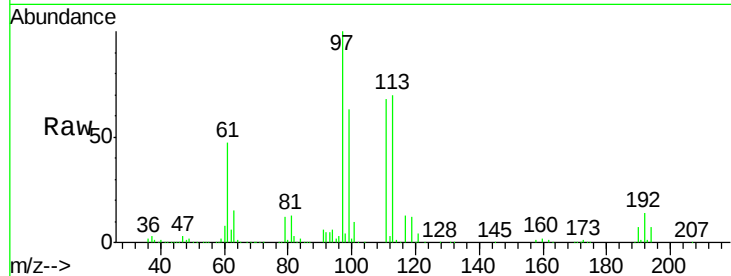
#35
 Dibromofluoromethane
 Concen: 49.587 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	118768		
111	101.4	82.7	124.1	
192	20.7	16.2	24.2	

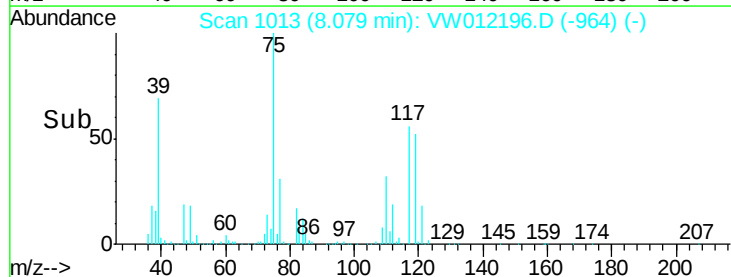
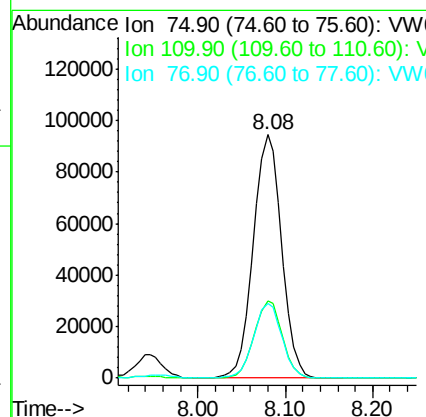
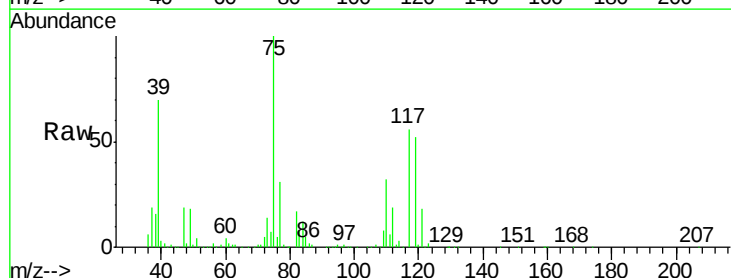
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#36
 1,1-Dichloropropene
 Concen: 51.192 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	212270		
110	31.6	15.6	46.8	
77	30.7	24.6	36.8	





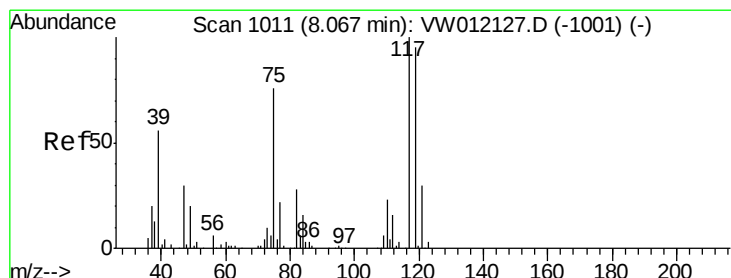
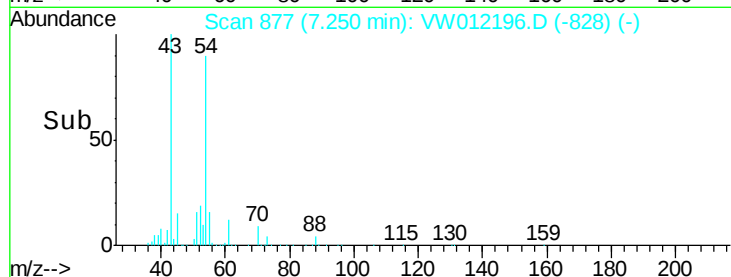
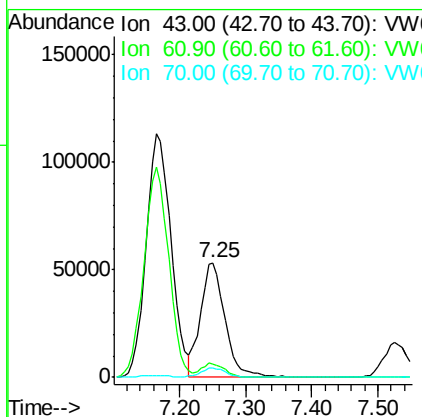
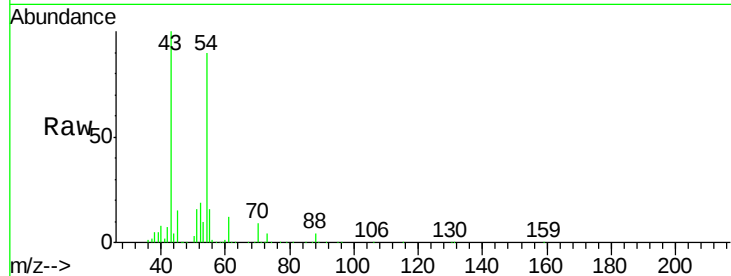
#37
Ethyl Acetate
Concen: 60.312 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.2	13.8
70	8.5	6.9	10.3

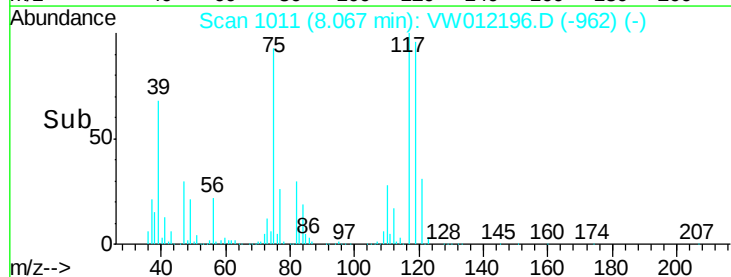
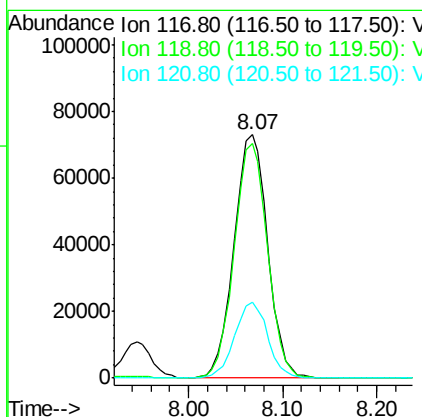
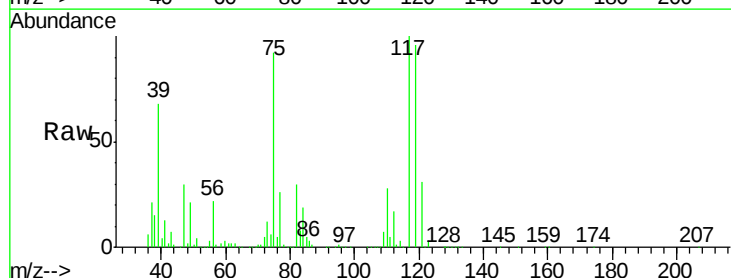
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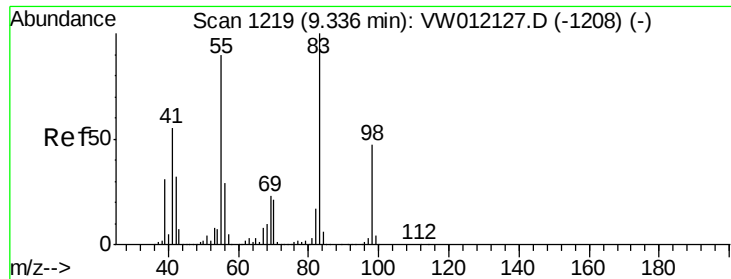
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#38
Carbon Tetrachloride
Concen: 50.417 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.2	114.2
121	31.0	23.8	35.8





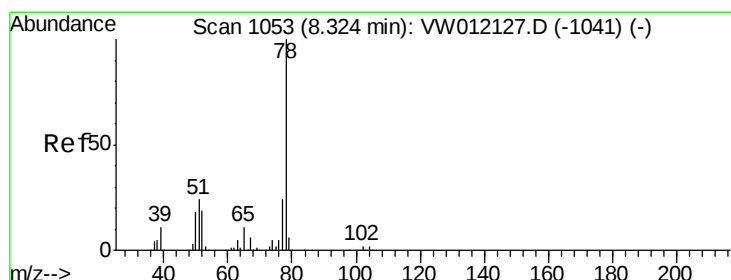
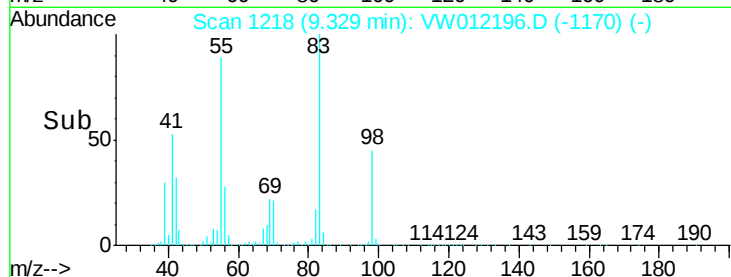
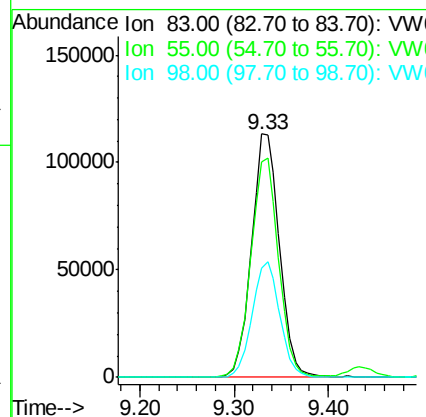
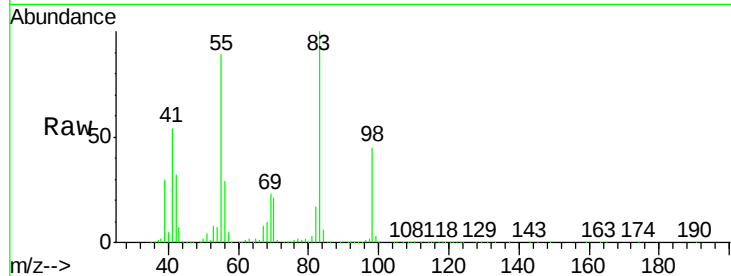
#39
Methvlcvclohexane
Concen: 50.445 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.5	71.8	107.8
98	44.9	37.8	56.8

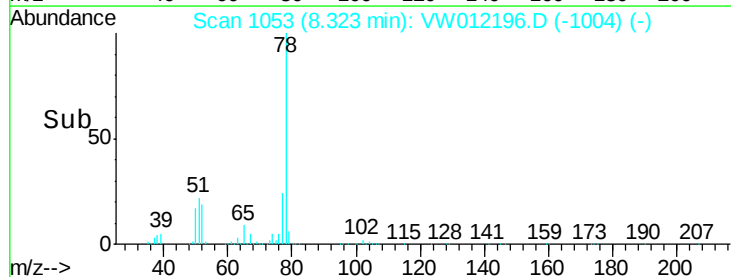
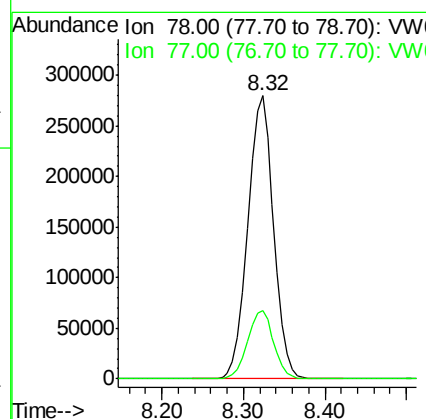
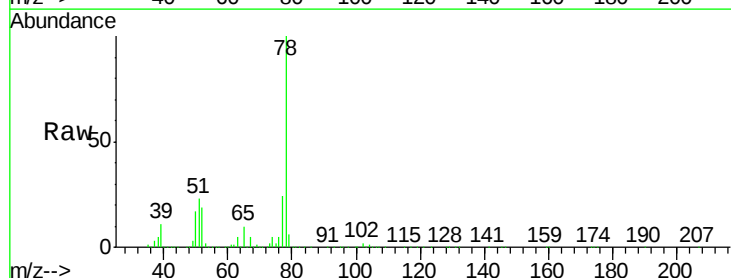
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#40
Benzene
Concen: 54.110 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3





#41

Methacrylonitrile

Concen: 63.502 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 84806

Ion Ratio Lower Upper

41 100

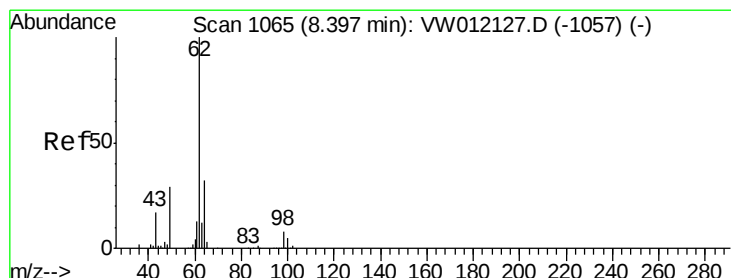
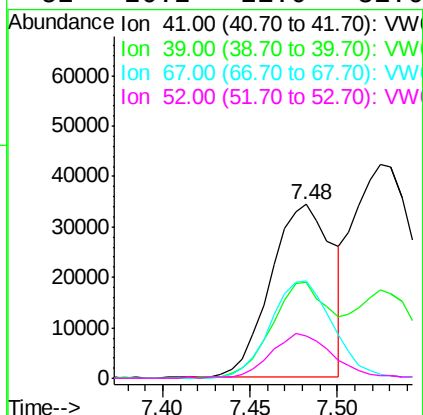
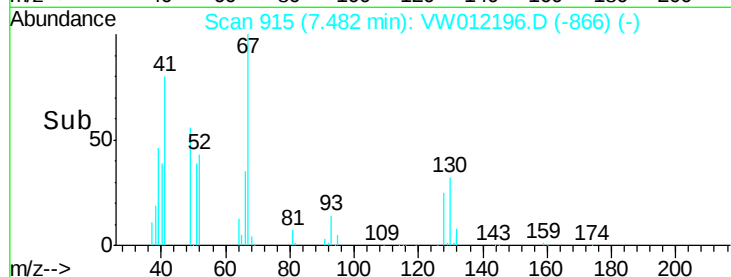
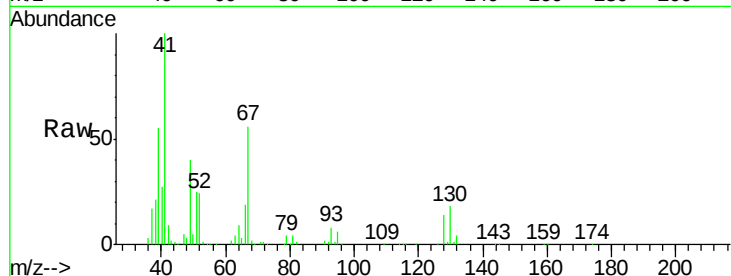
39 52.1 45.8 68.8

67 56.9 46.2 69.4

52 26.2 21.0 31.6

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#42

1,2-Dichloroethane

Concen: 56.838 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012196.D

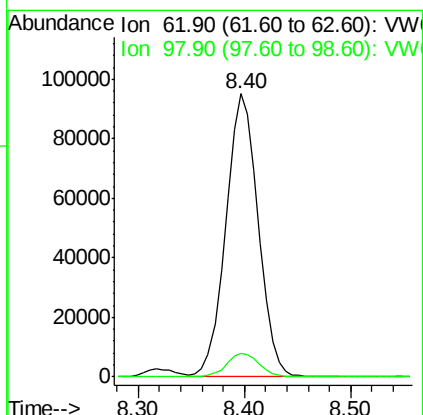
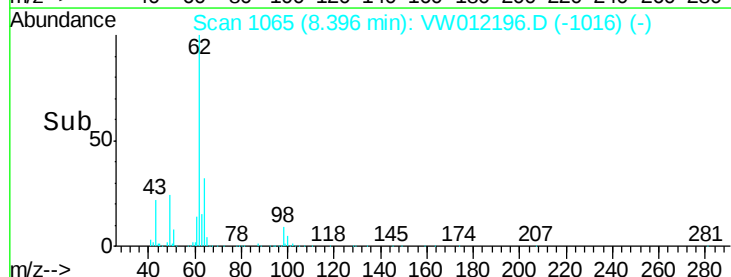
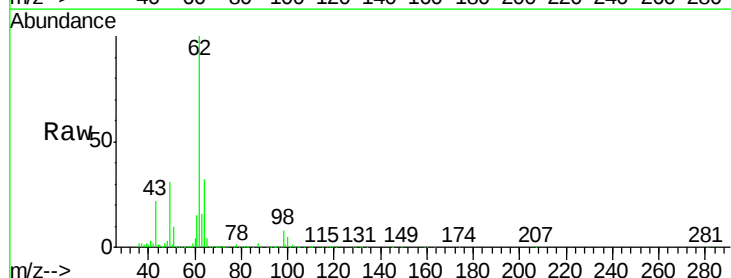
Acq: 27 Aug 2019 02:26

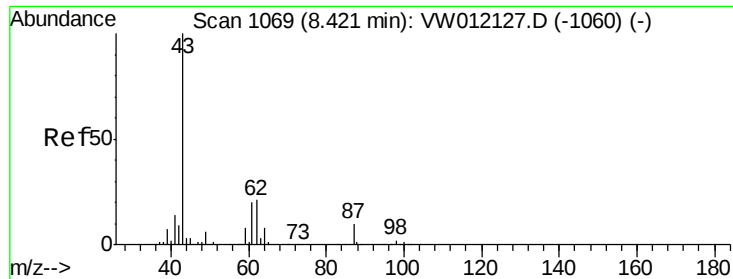
Tgt Ion: 62 Resp: 201691

Ion Ratio Lower Upper

62 100

98 8.5 0.0 16.6





#43

Isopropyl Acetate

Concen: 63.084 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

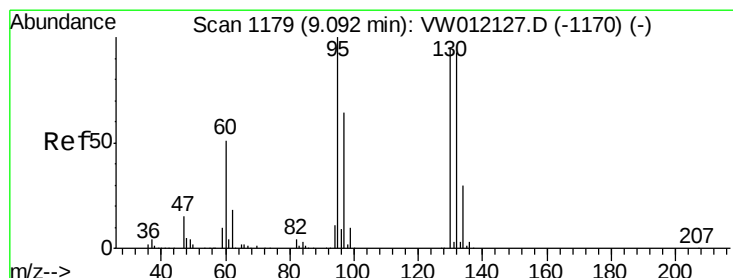
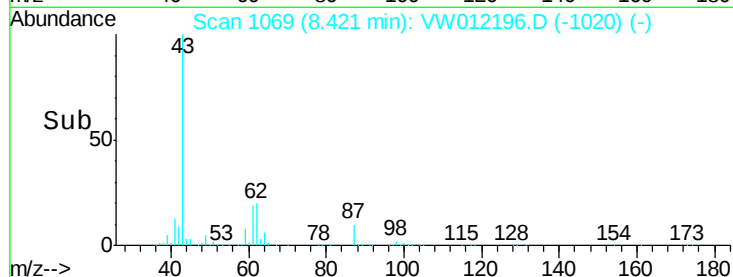
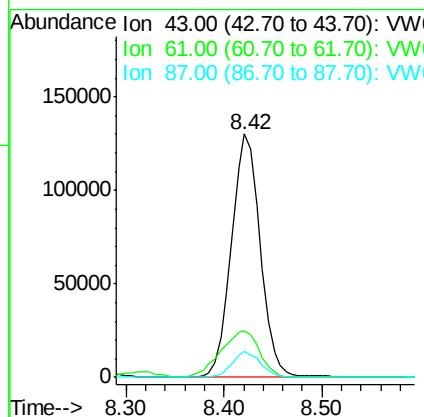
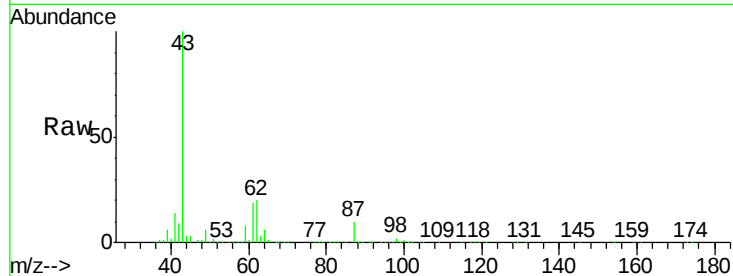
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	265513
Ion	Ratio	Lower	Upper
43	100		
61	25.6	21.1	31.7
87	10.4	8.2	12.2

Manual Integrations
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#44

Trichloroethene

Concen: 53.878 ug/l

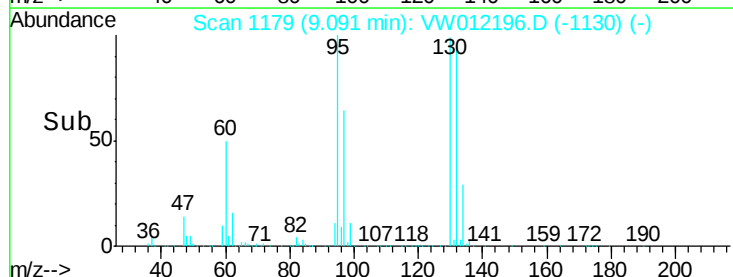
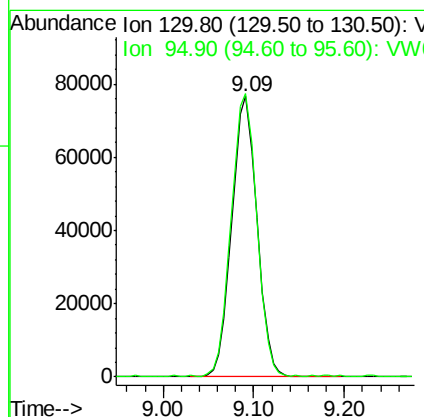
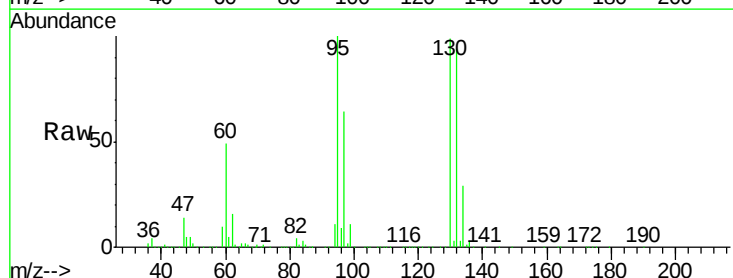
RT: 9.09 min Scan# 1179

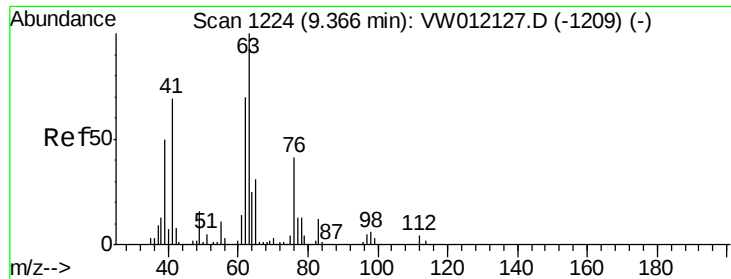
Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Tgt Ion:	130	Resp:	148297
Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	210.6





#45

1,2-Dichloropropane

Concen: 56.343 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 171689

Ion Ratio Lower Upper

63 100

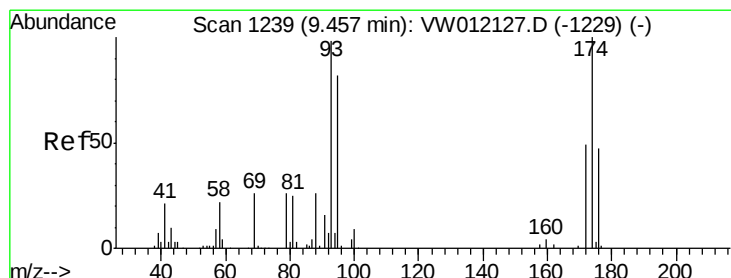
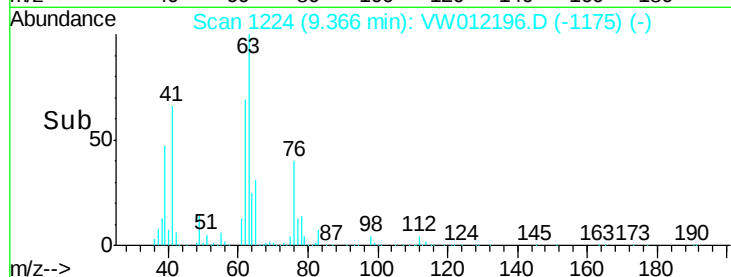
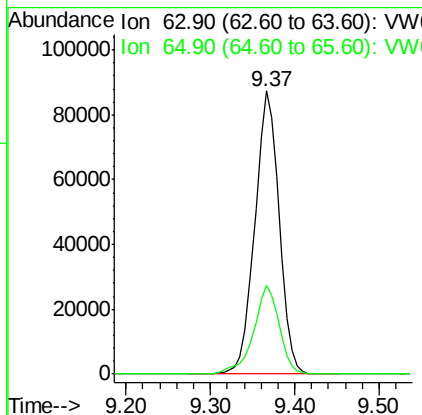
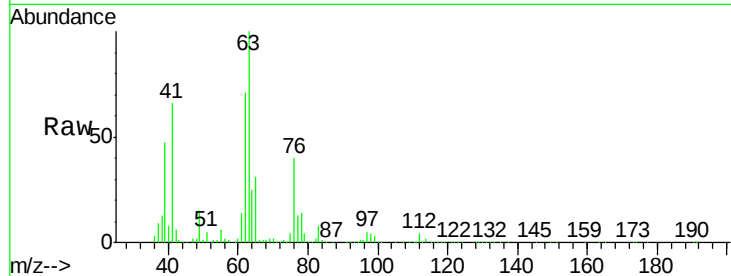
65 31.3 25.0 37.4

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#46

Dibromomethane

Concen: 57.752 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

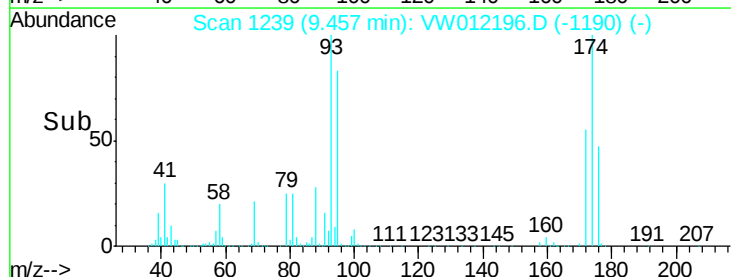
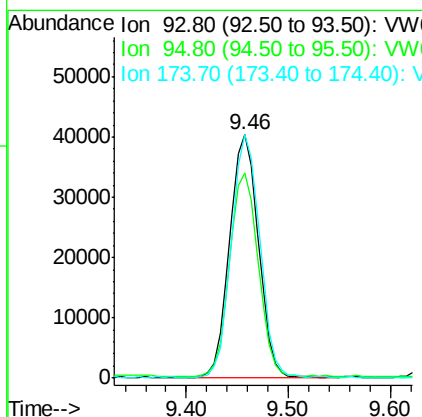
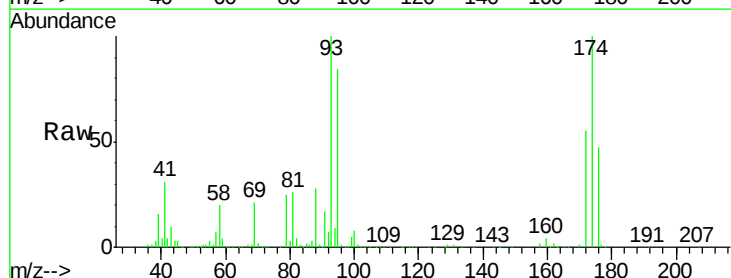
Tgt Ion: 93 Resp: 78300

Ion Ratio Lower Upper

93 100

95 83.1 67.2 100.8

174 98.5 79.0 118.6





#47

Bromodichloromethane

Concen: 56.157 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

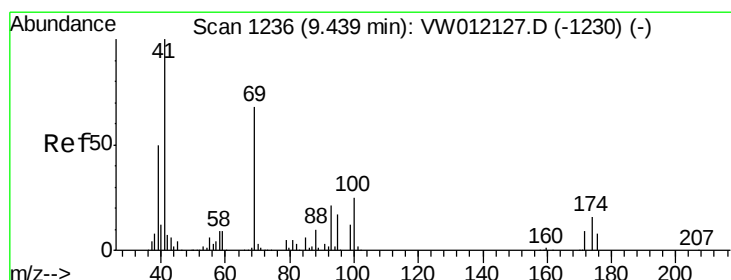
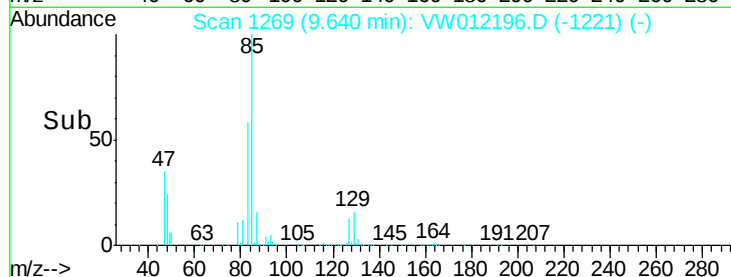
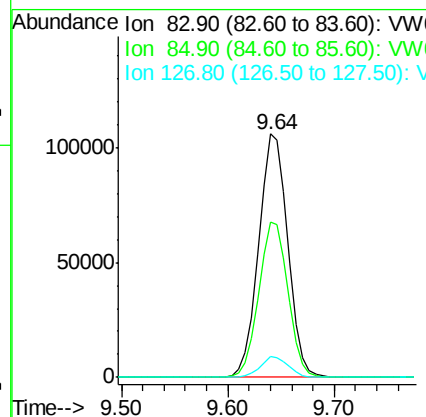
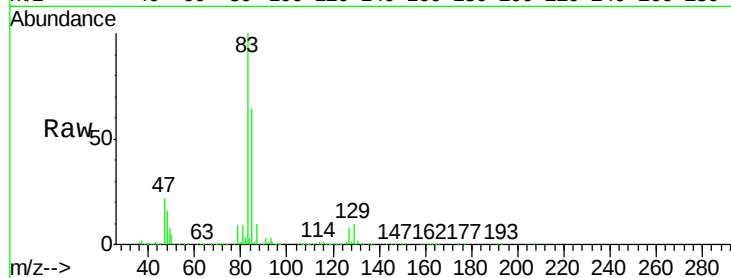
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	202635
Ion Ratio	Lower	Upper	
83	100		
85	63.8	49.4	74.2
127	8.5	6.1	9.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 64.401 ug/l

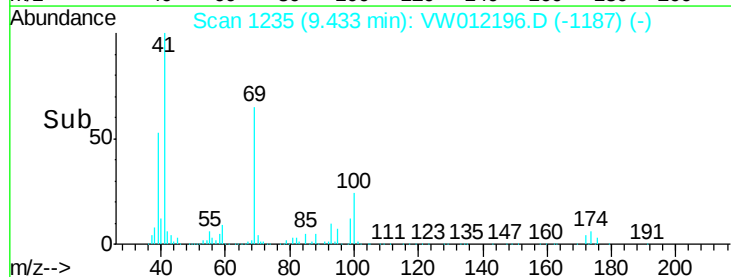
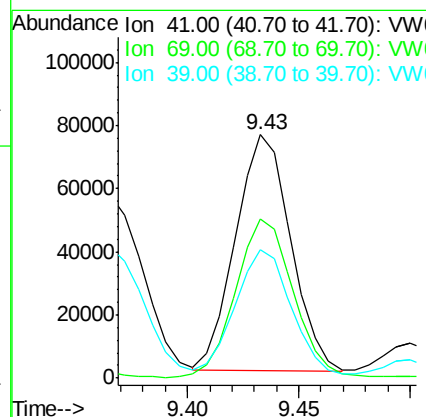
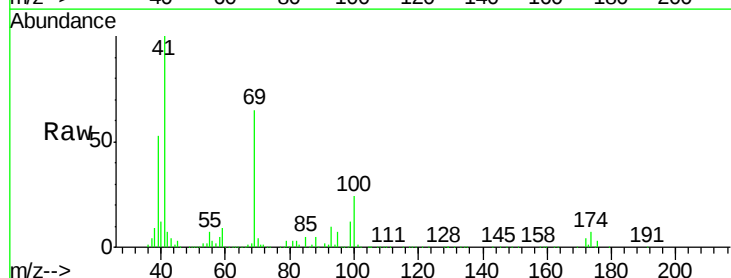
RT: 9.43 min Scan# 1235

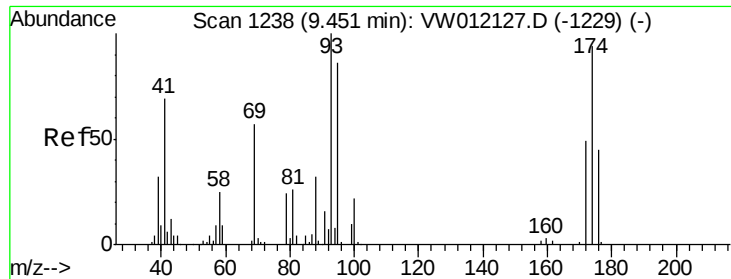
Delta R.T. -0.01 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Tgt Ion:	41	Resp:	129009
Ion Ratio	Lower	Upper	
41	100		
69	70.1	56.7	85.1
39	52.6	42.0	63.0





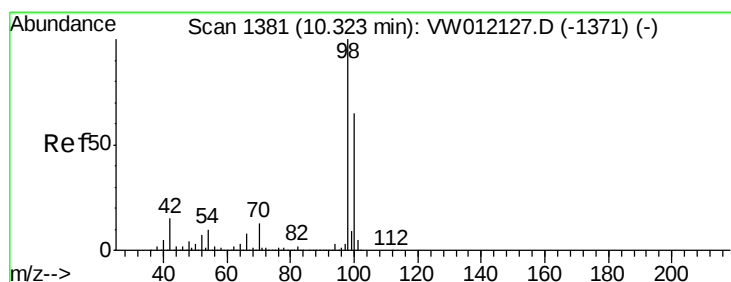
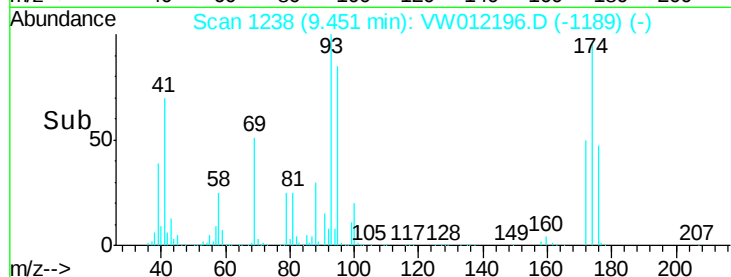
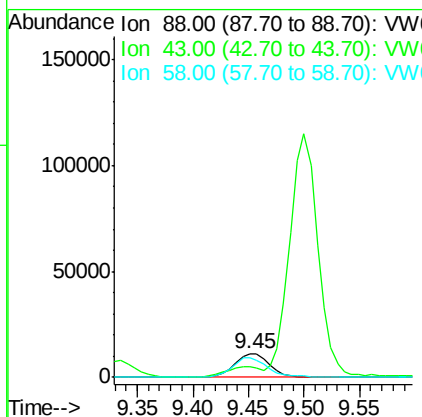
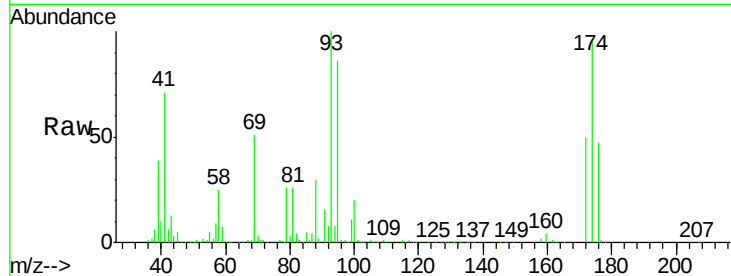
#49
1,4-Dioxane
Concen: 1172.117 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	24328
Ion Ratio	Lower	Upper	
88	100		
43	41.8	32.9	49.3
58	88.2	71.0	106.4

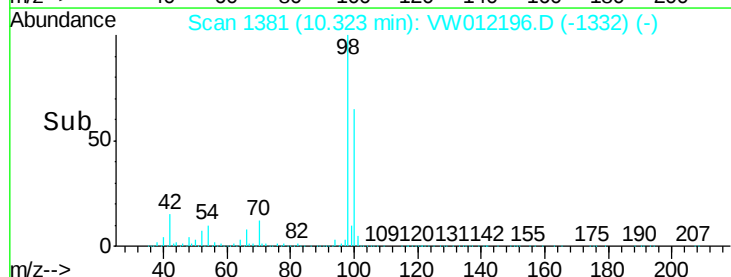
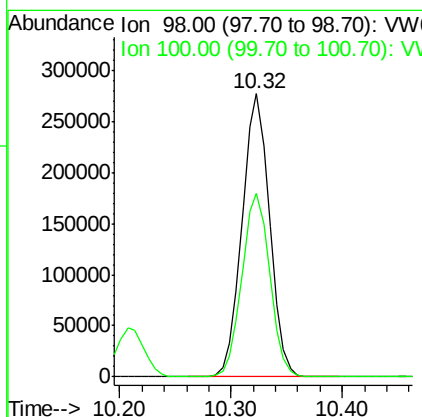
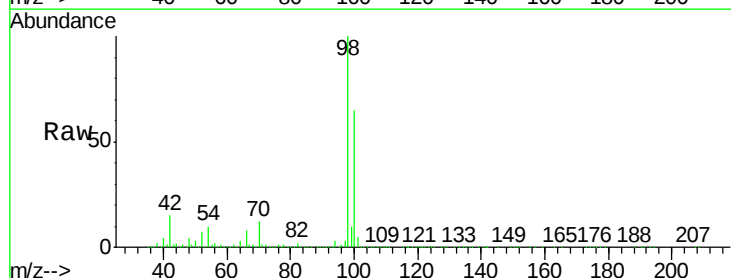
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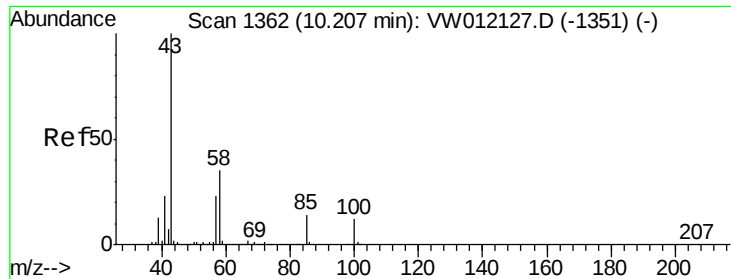
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#50
Toluene-d8
Concen: 48.915 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	98	Resp	475034
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 320.951 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 687084

Ion Ratio Lower Upper

43 100

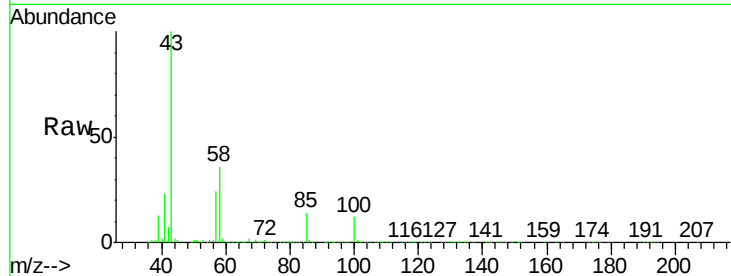
58 35.3 28.2 42.2

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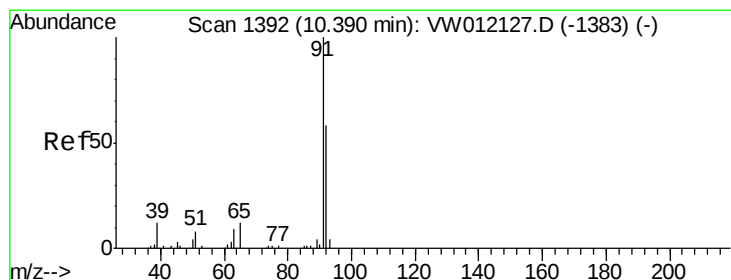
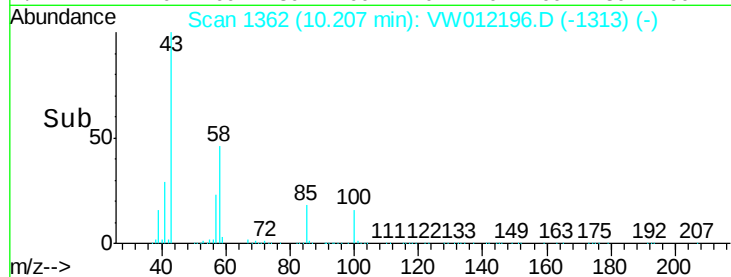
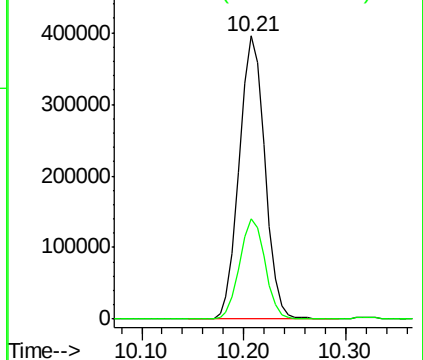
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 55.052 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012196.D

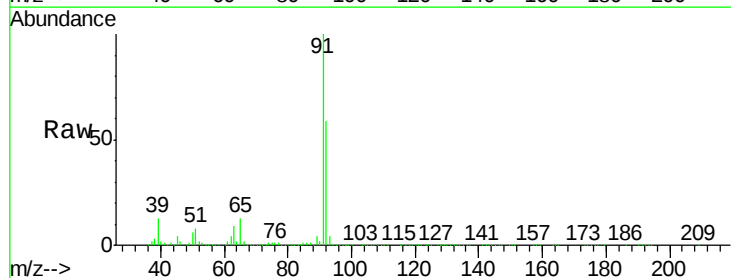
Acq: 27 Aug 2019 02:26

Tgt Ion: 92 Resp: 374456

Ion Ratio Lower Upper

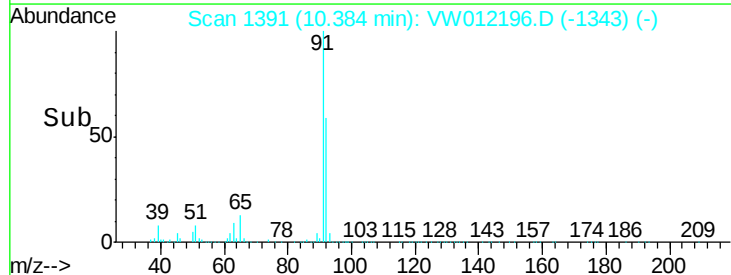
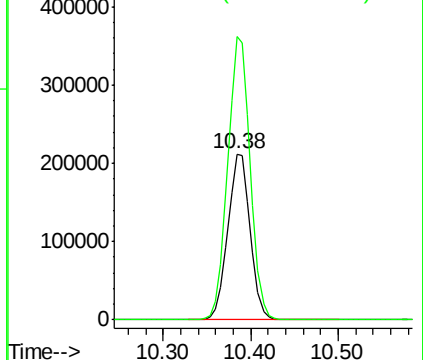
92 100

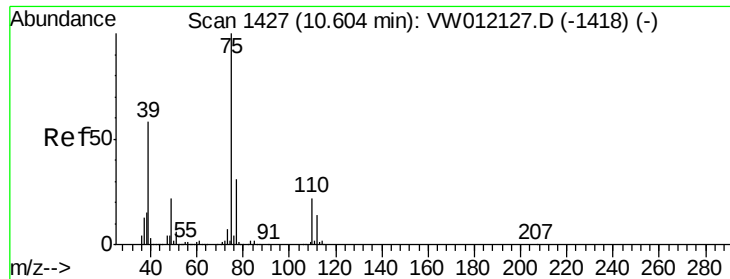
91 171.4 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





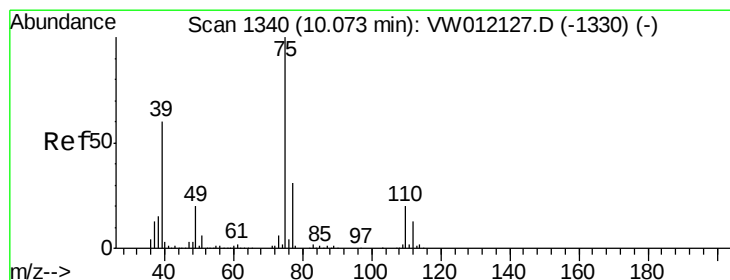
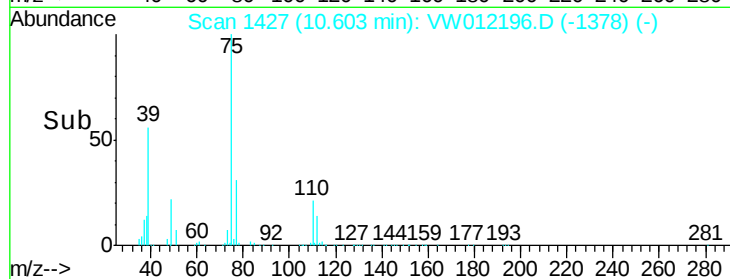
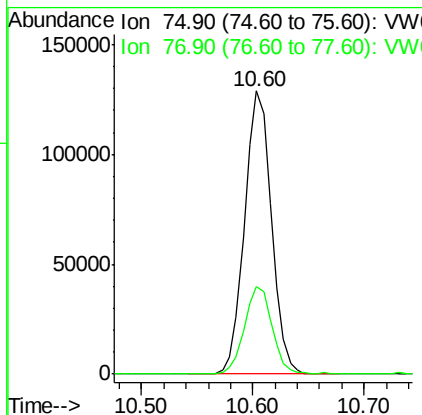
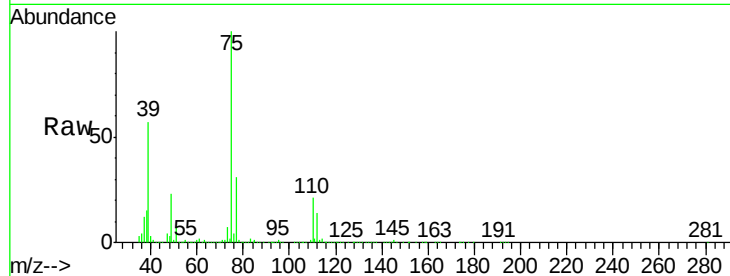
#53
t-1,3-Dichloropropene
Concen: 58.825 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 216213
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4

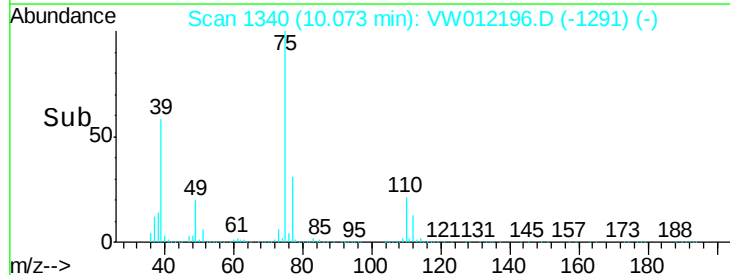
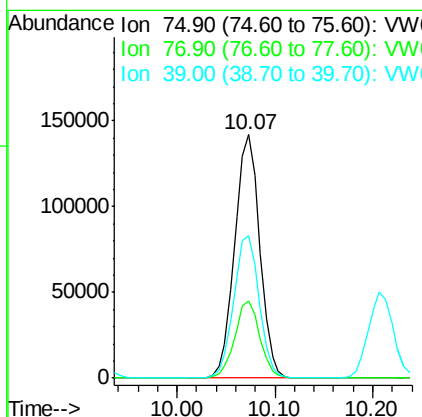
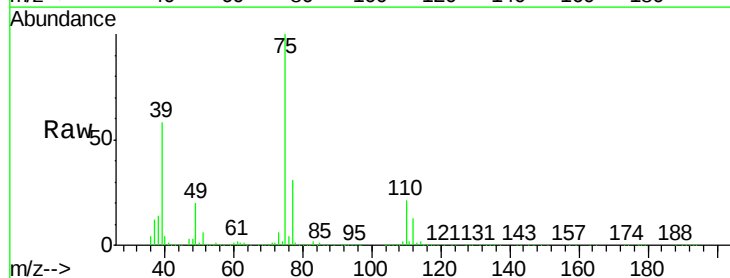
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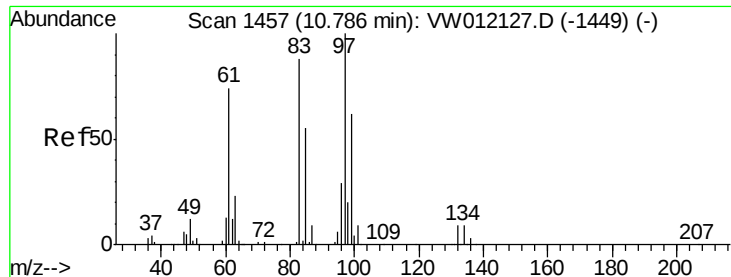
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#54
cis-1,3-Dichloropropene
Concen: 56.972 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion: 75 Resp: 252843
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7
39 58.2 48.3 72.5





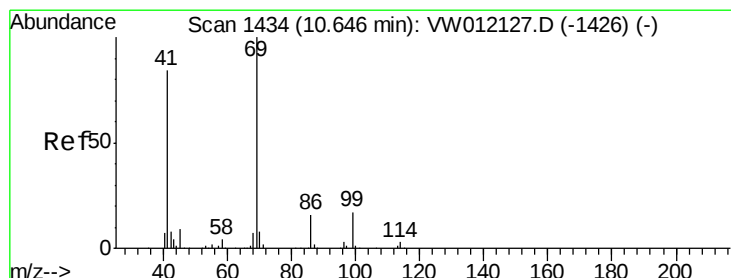
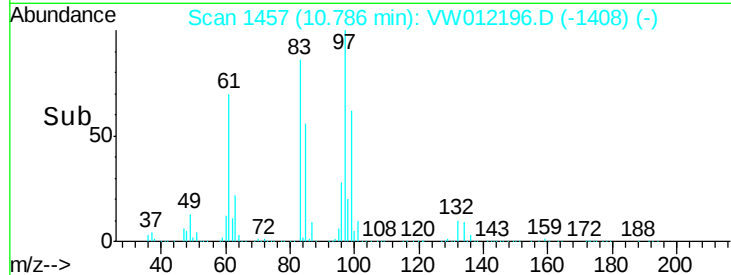
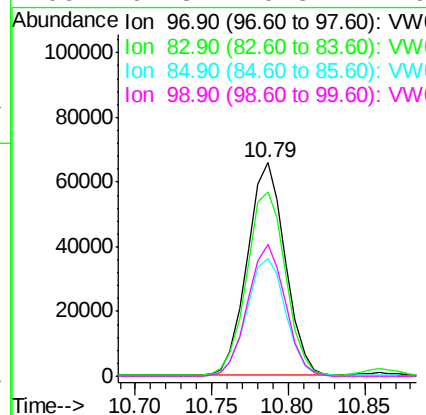
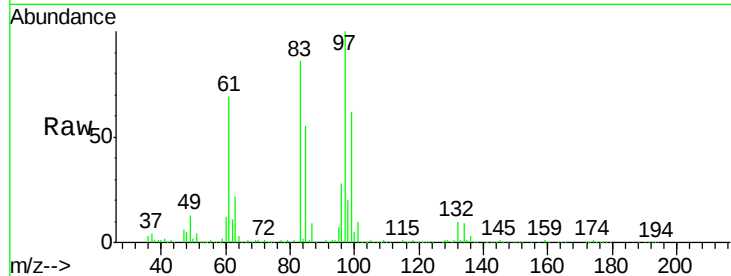
#55
 1,1,2-Trichloroethane
 Concen: 58.990 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	113158
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.8	106.2
85	55.5	43.8	65.8
99	62.3	49.8	74.6

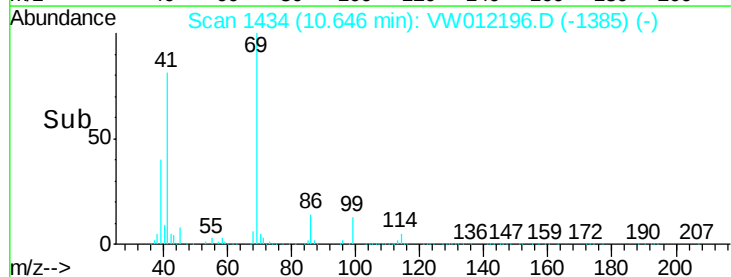
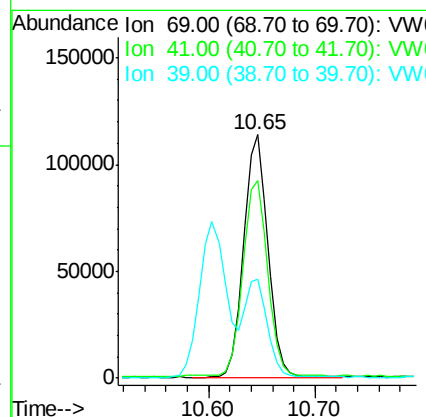
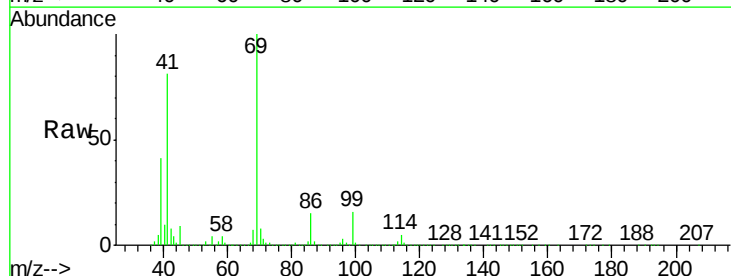
Manual Integrations
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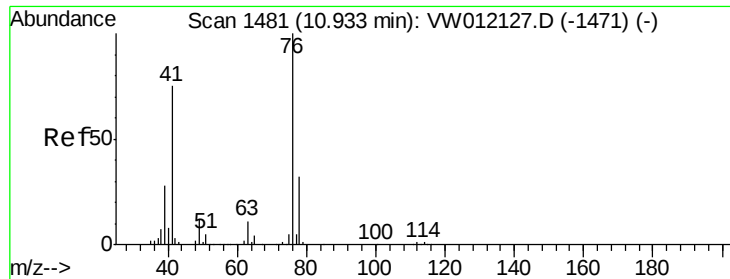
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#56
 Ethyl methacrylate
 Concen: 65.074 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Tgt Ion:	69	Resp:	181678
Ion	Ratio	Lower	Upper
69	100		
41	83.4	66.5	99.7
39	37.2	31.0	46.4





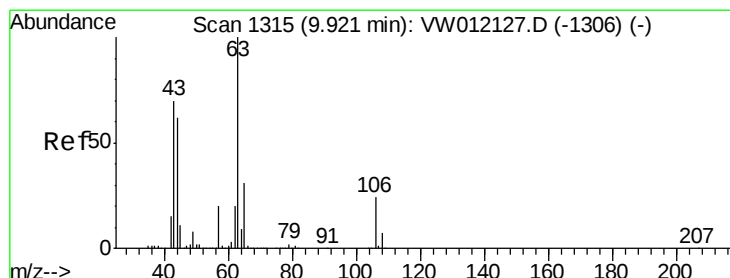
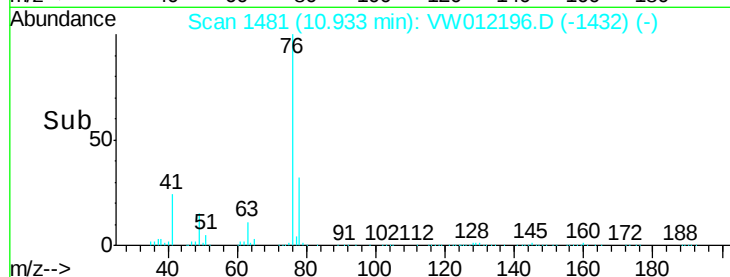
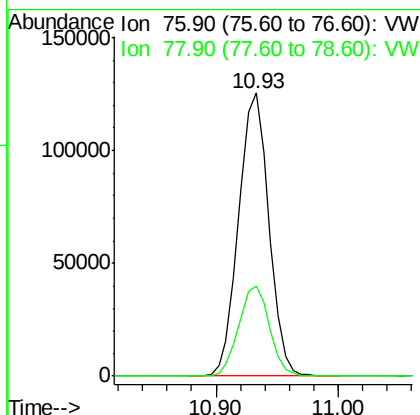
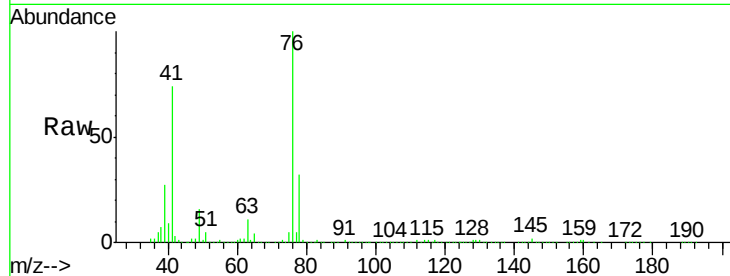
#57
 1,3-Dichloropropane
 Concen: 59.375 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 215236
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

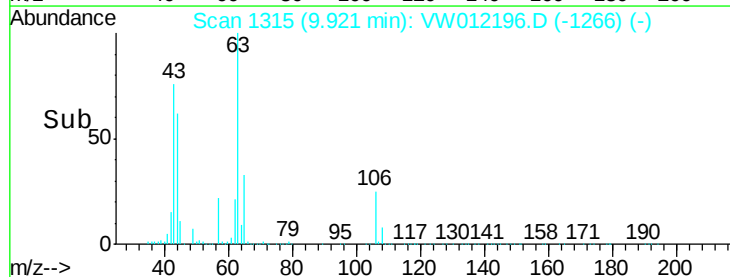
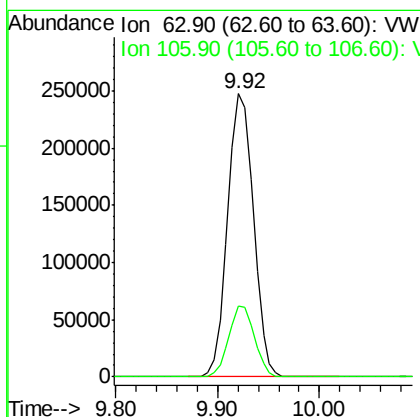
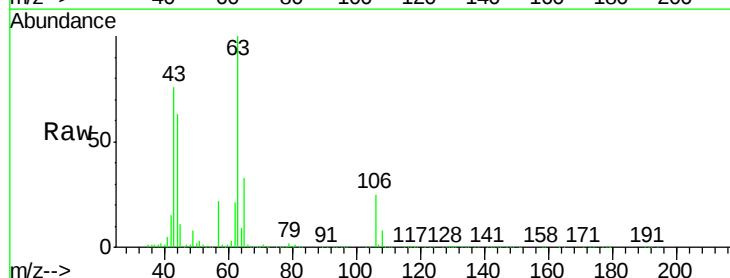
Manual Integrations
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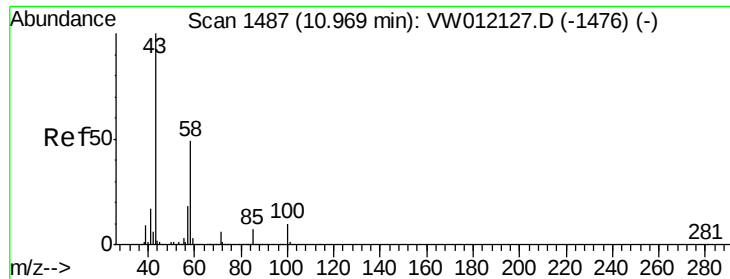
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#58
 2-Chloroethyl Vinyl ether
 Concen: 303.727 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Tgt Ion: 63 Resp: 435195
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.8 29.8





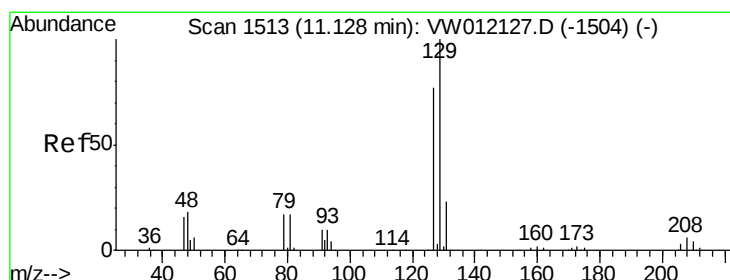
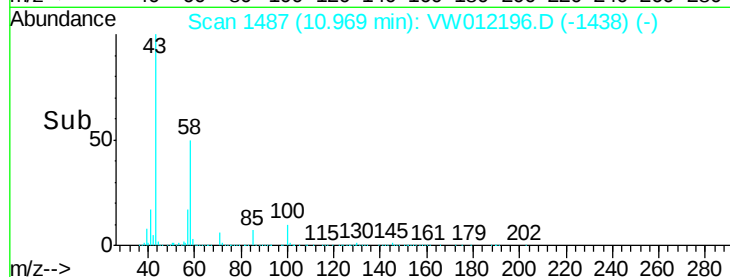
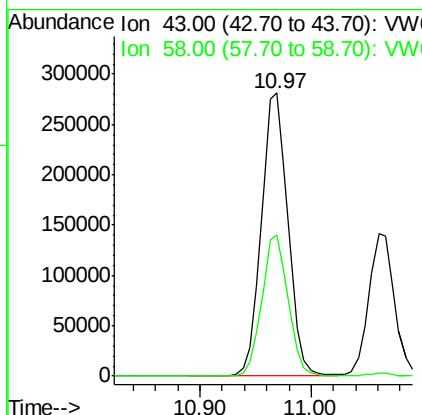
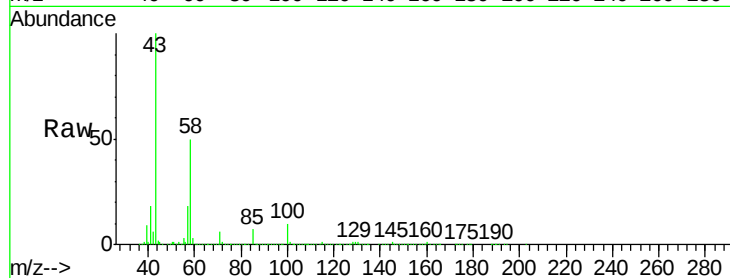
#59
2-Hexanone
Concen: 308.961 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.4	24.3	72.9

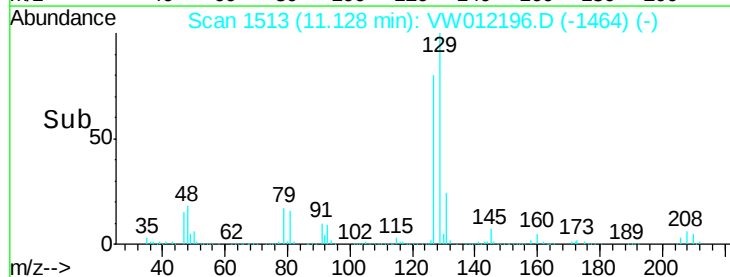
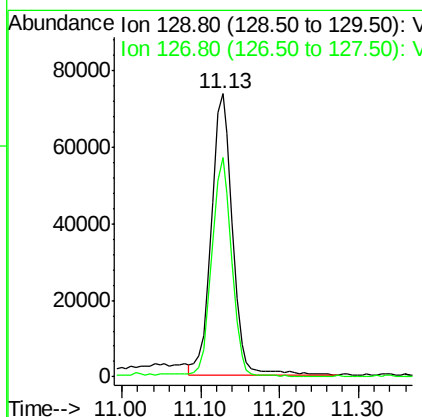
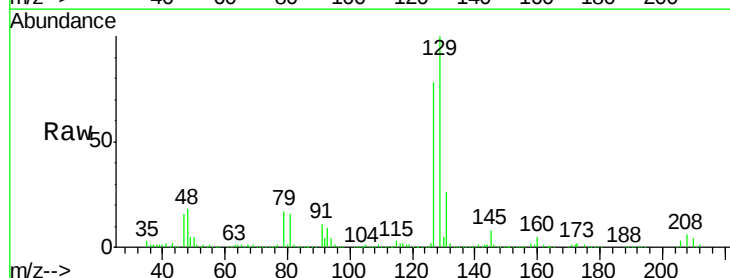
Manual Integrations
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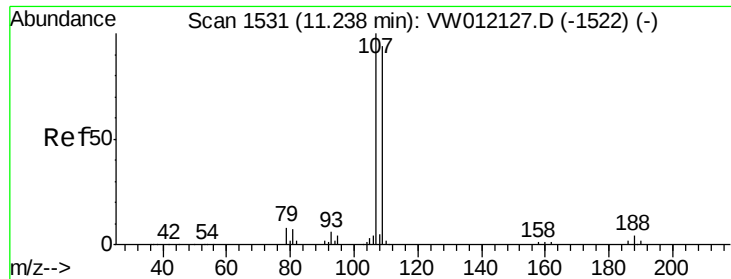
MMDadoda
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#60
Dibromochloromethane
Concen: 63.887 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	73.2	38.6	115.8





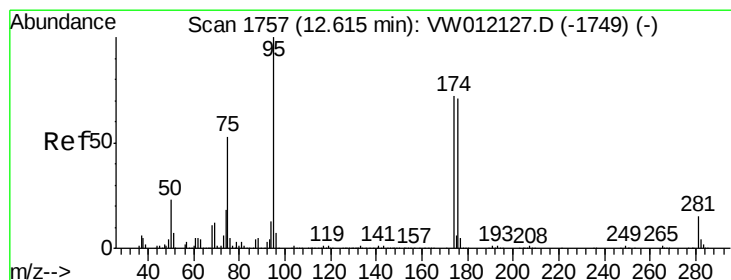
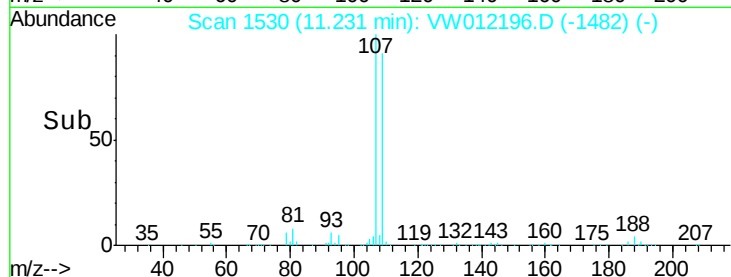
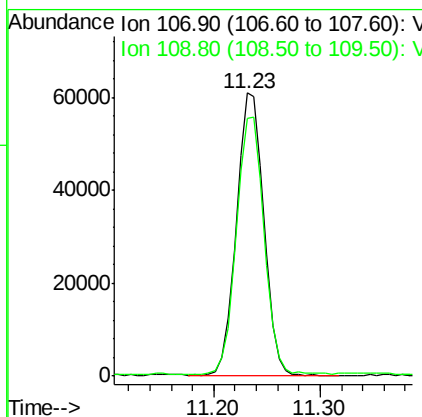
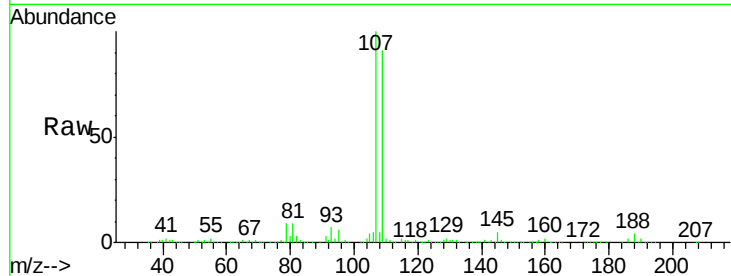
#61
 1,2-Dibromoethane
 Concen: 61.208 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	109385		
109	92.1	75.4	113.2	

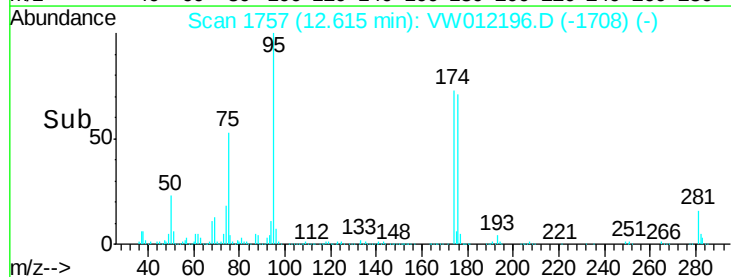
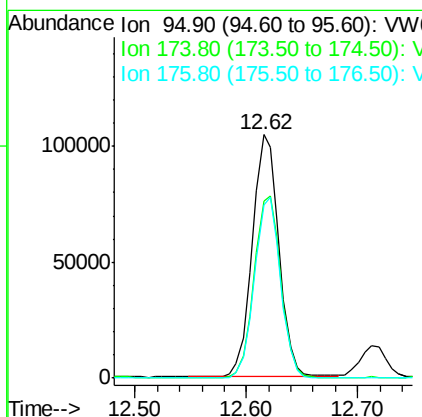
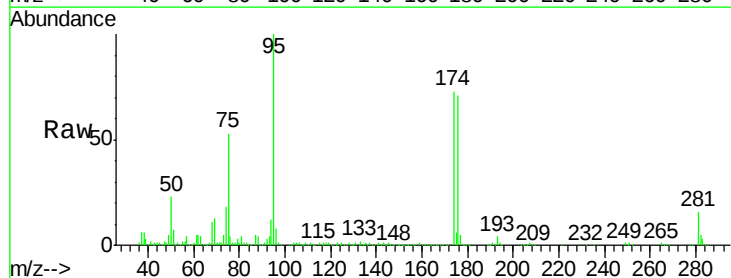
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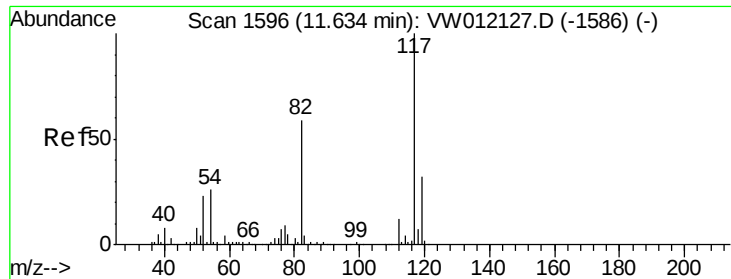
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#62
 4-Bromofluorobenzene
 Concen: 50.773 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	173812		
174	75.3	0.0	150.8	
176	73.0	0.0	148.6	





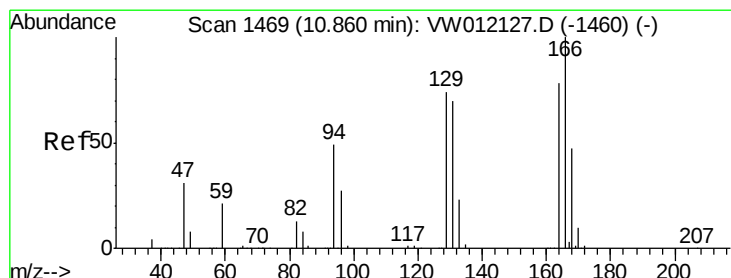
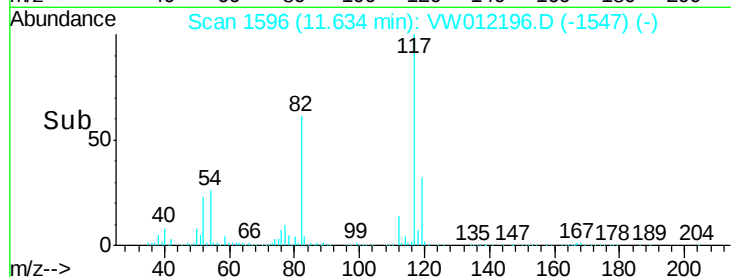
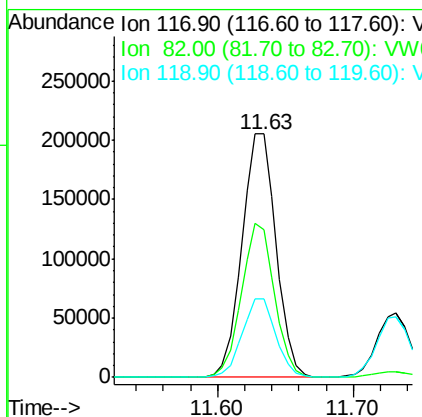
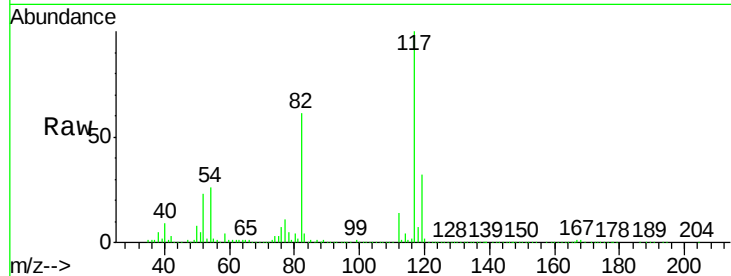
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	357777		
82	60.6		47.4	71.2
119	32.2		25.4	38.2

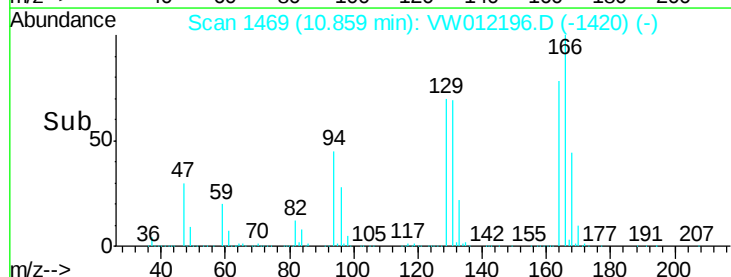
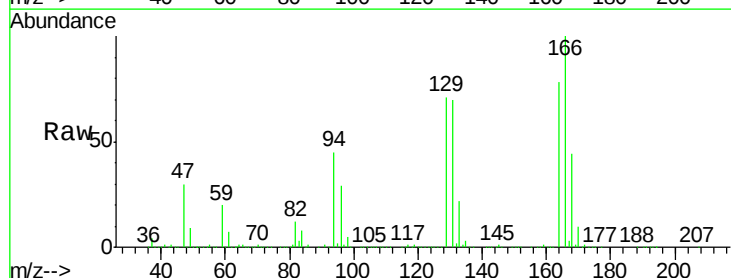
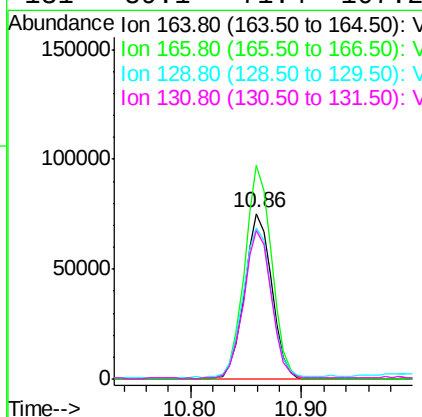
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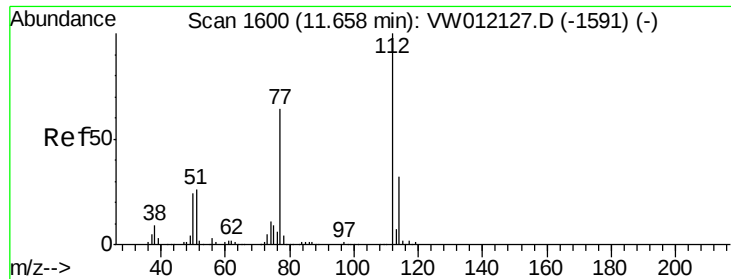
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#64
Tetrachloroethene
Concen: 55.235 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128121		
166	128.9		102.4	153.6
129	89.9		75.8	113.6
131	89.1		71.4	107.2





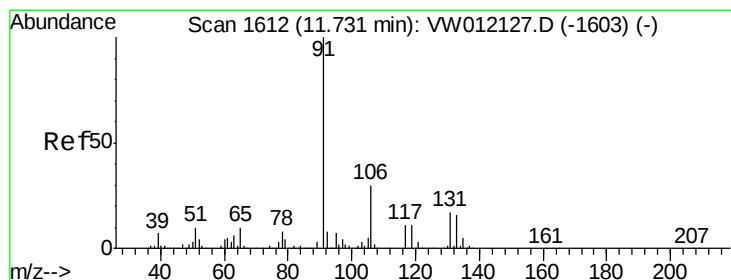
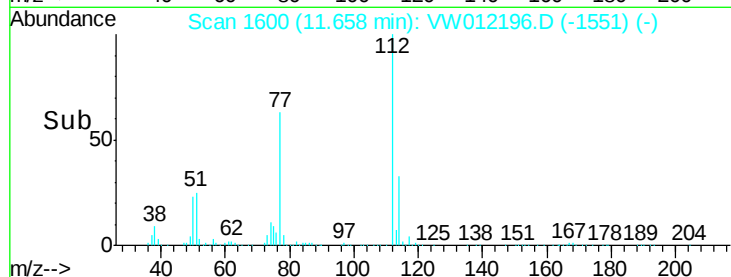
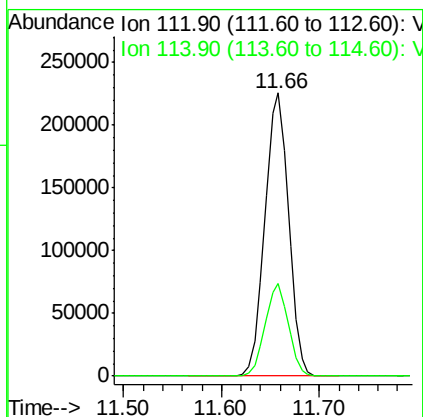
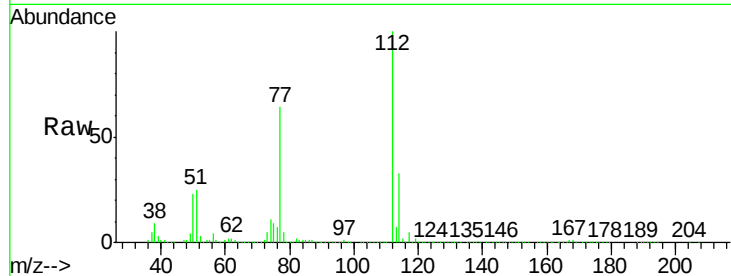
#65
Chlorobenzene
Concen: 53.936 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 379975
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

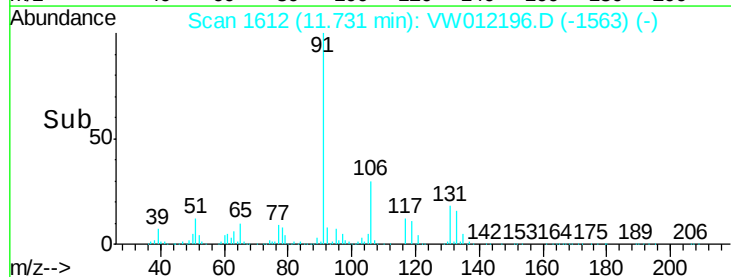
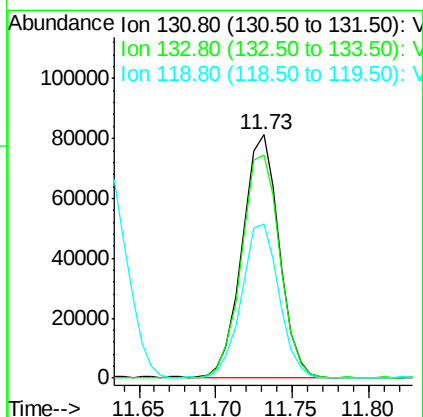
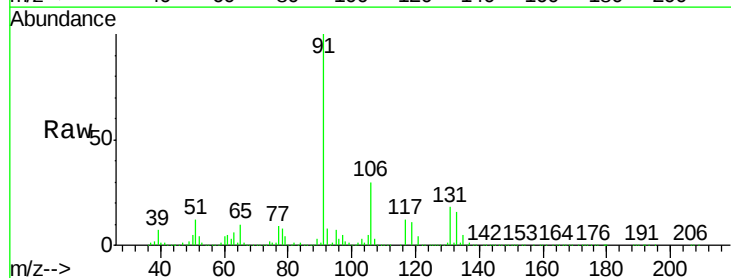
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.308 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion:131 Resp: 135931
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.3
119 63.7 31.8 95.3





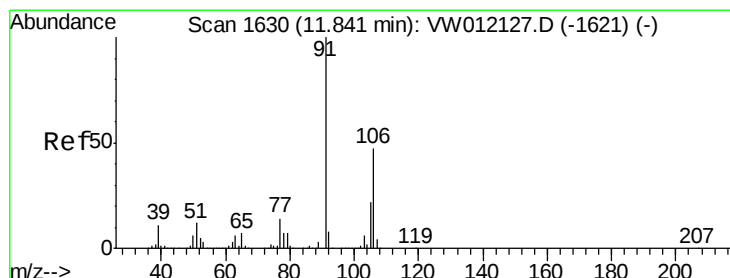
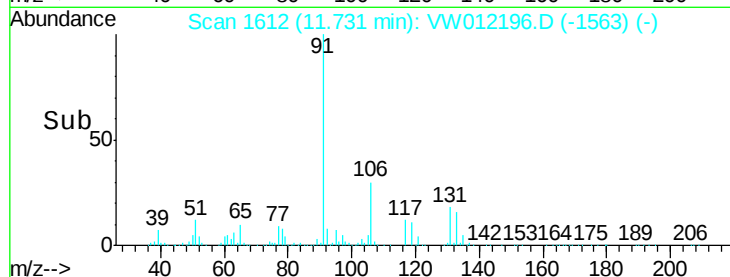
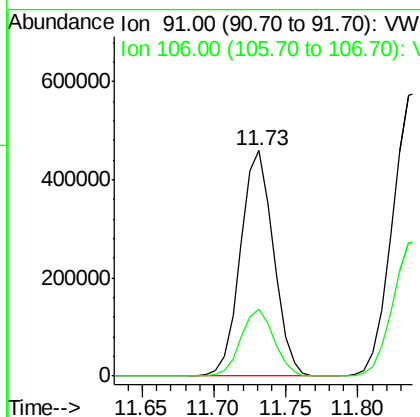
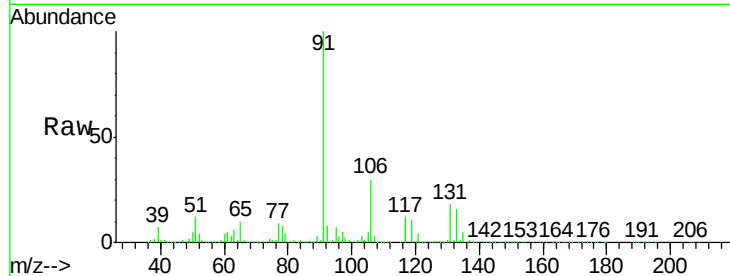
#67
Ethyl Benzene
Concen: 53.571 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 727006
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

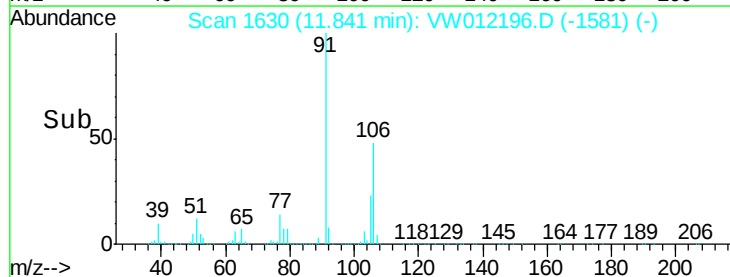
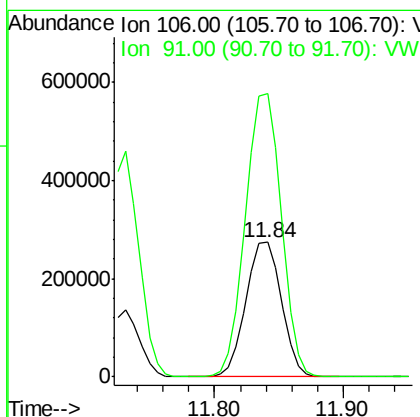
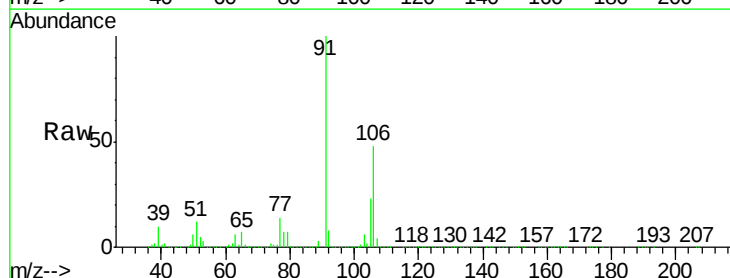
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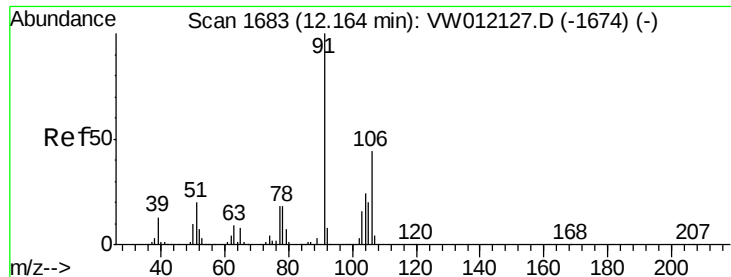
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#68
m/p-Xylenes
Concen: 107.106 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion: 106 Resp: 523575
Ion Ratio Lower Upper
106 100
91 211.6 169.5 254.3





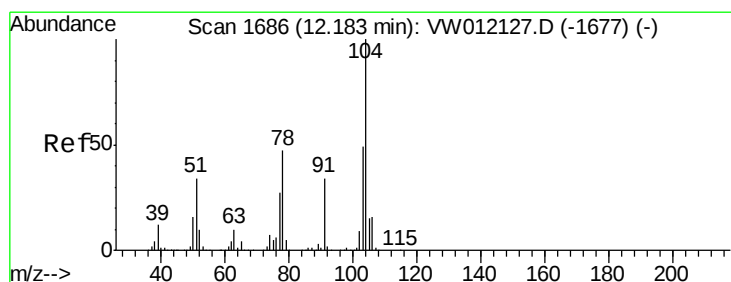
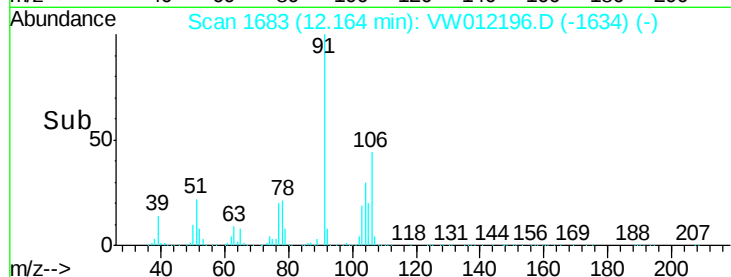
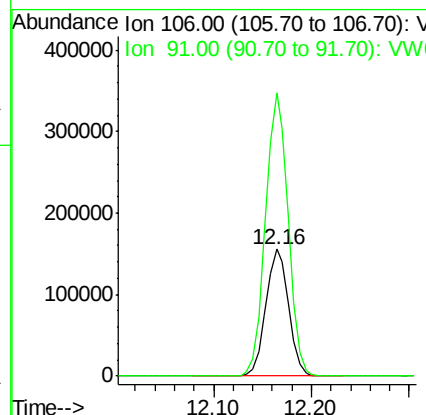
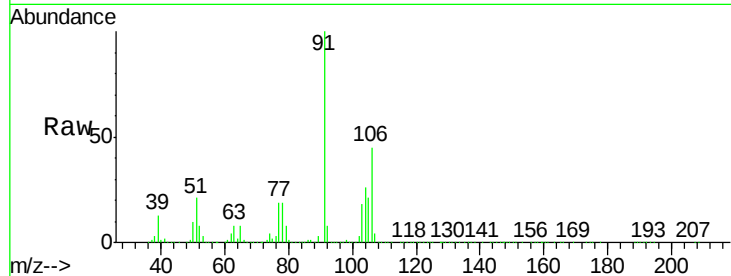
#69
o-Xylene
Concen: 55.634 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 251708
Ion Ratio Lower Upper
106 100
91 222.2 111.6 334.6

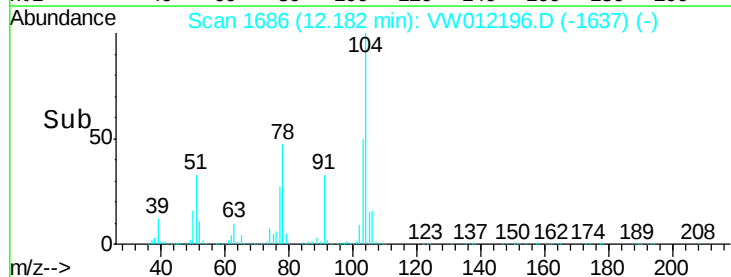
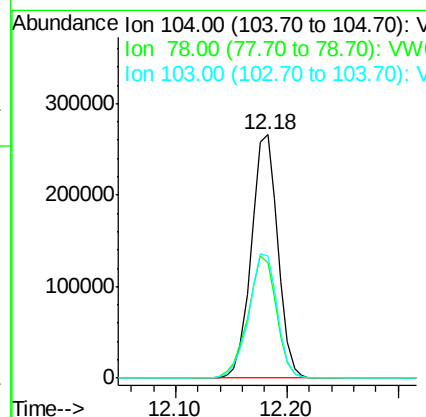
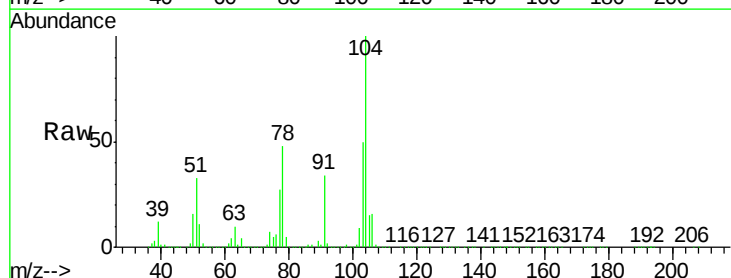
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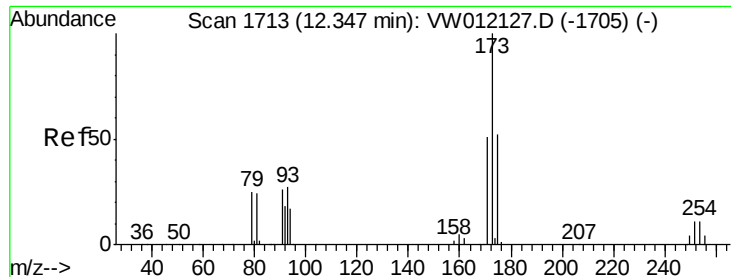
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#70
Styrene
Concen: 55.796 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion:104 Resp: 436953
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 55.1 43.5 65.3





#71

Bromoform

Concen: 60.143 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 73645

Ion Ratio Lower Upper

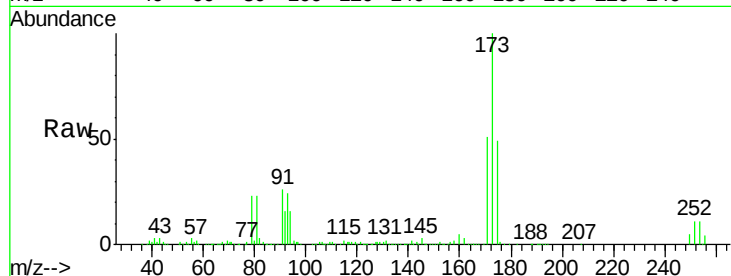
173 100

175 48.1 24.6 74.0

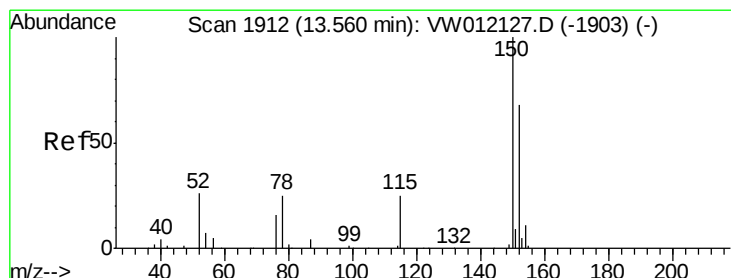
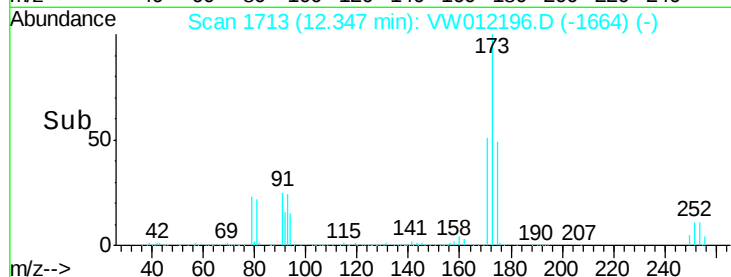
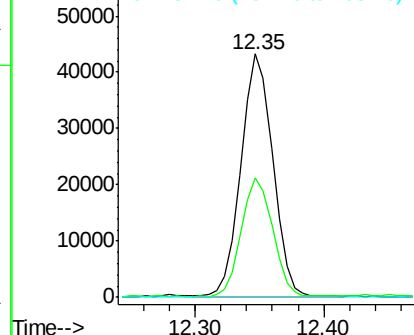
254 0.2 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

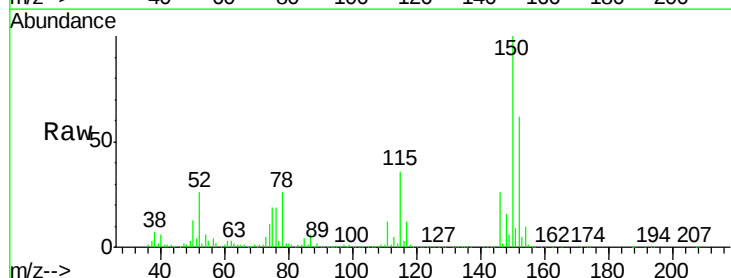
Tgt Ion:152 Resp: 168059

Ion Ratio Lower Upper

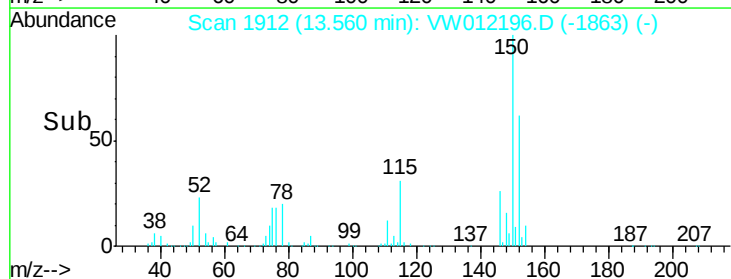
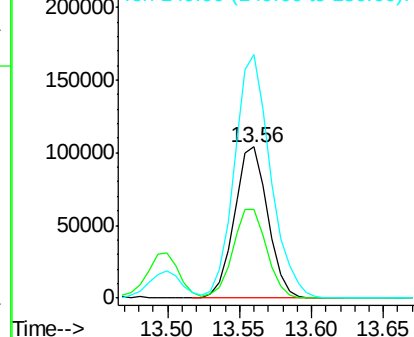
152 100

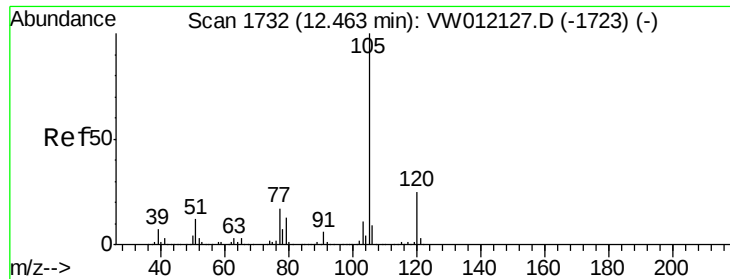
115 59.1 30.1 90.3

150 173.8 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





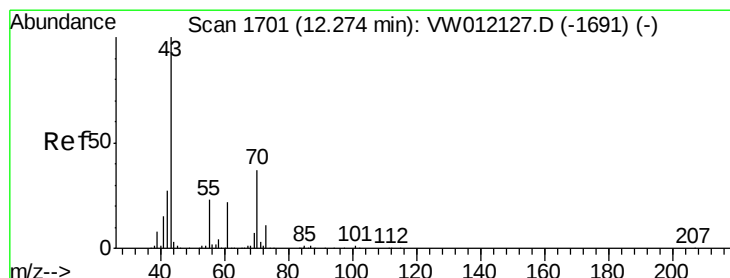
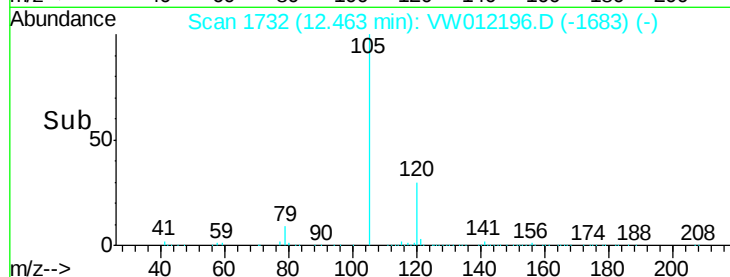
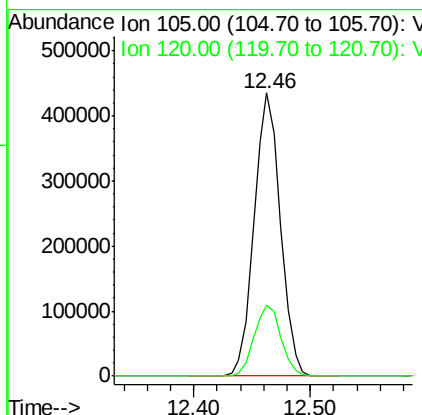
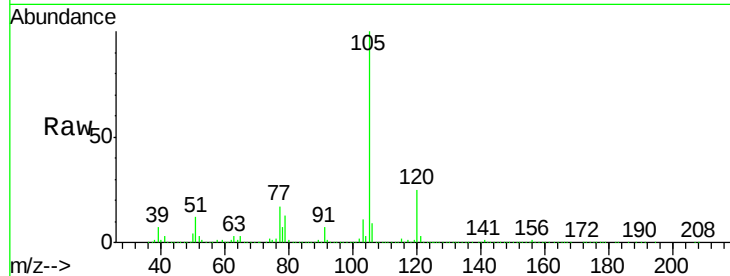
#73
Isopropylbenzene
Concen: 54.102 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 681295
Ion Ratio Lower Upper
105 100
120 25.6 12.5 37.5

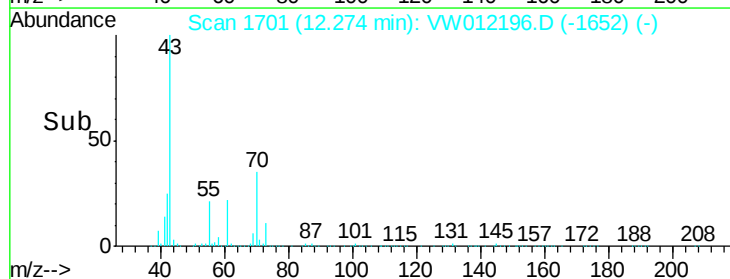
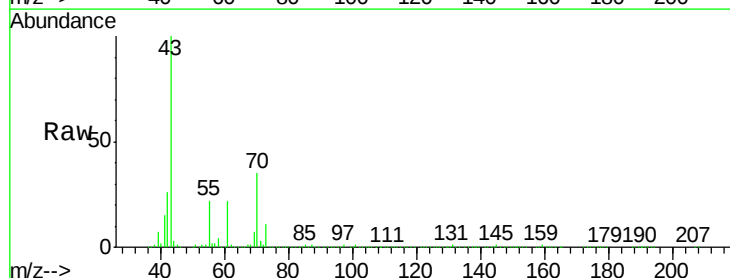
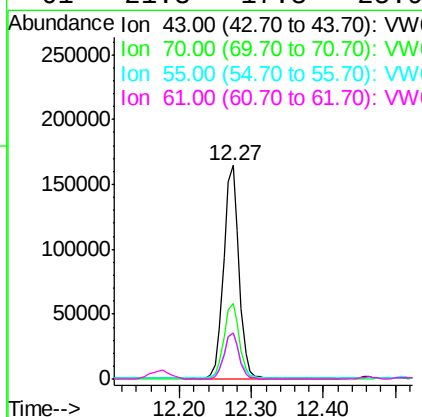
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#74
N-ethyl acetate
Concen: 64.307 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion: 43 Resp: 244668
Ion Ratio Lower Upper
43 100
70 35.5 28.6 43.0
55 21.7 17.8 26.6
61 21.3 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 60.476 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

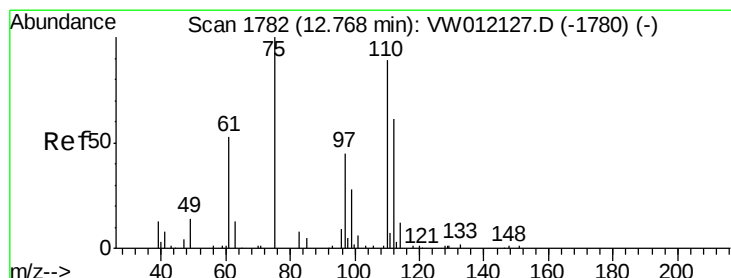
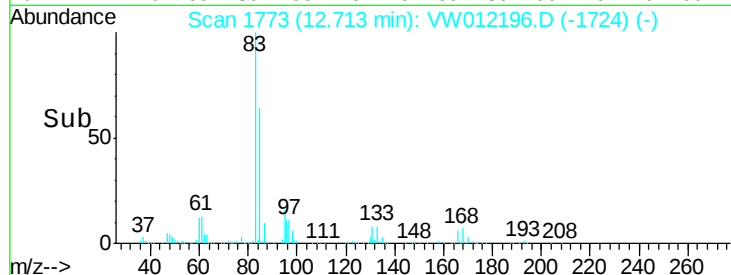
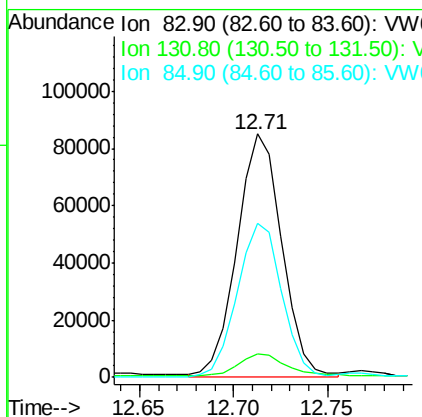
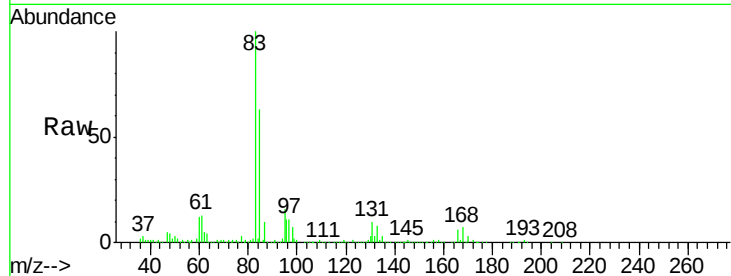
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	139617
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	63.2	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 56.699 ug/l m

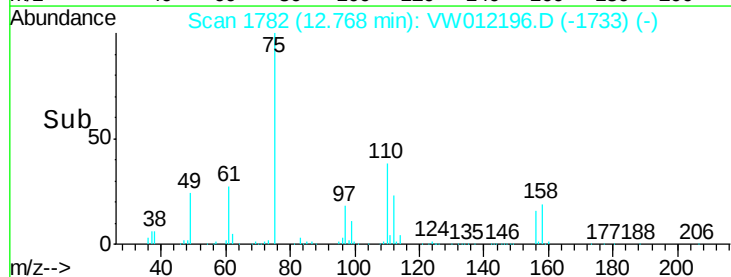
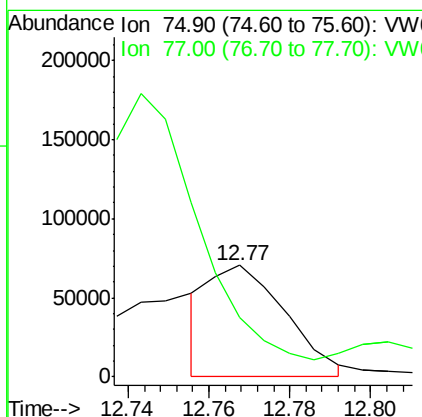
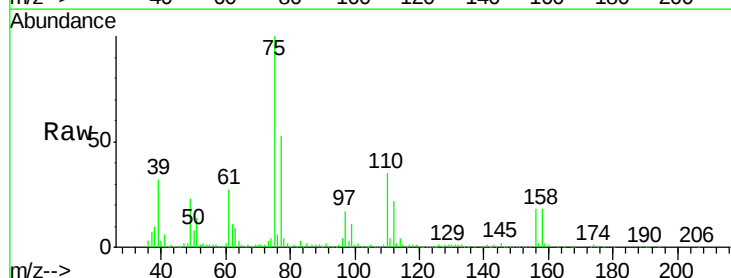
RT: 12.77 min Scan# 1782

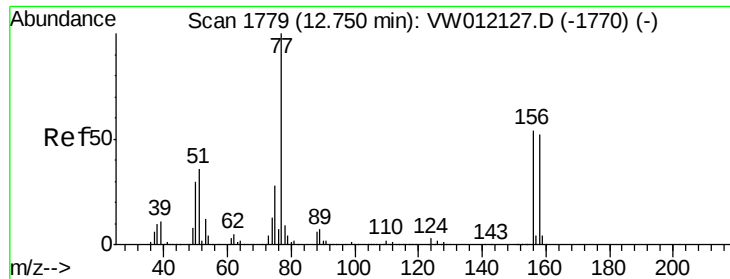
Delta R.T. -0.00 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Tgt Ion:	75	Resp:	92804
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 57.628 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012196.D

Acq: 27 Aug 2019 02:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 156997

Ion Ratio Lower Upper

156 100

77 208.5 107.3 321.8

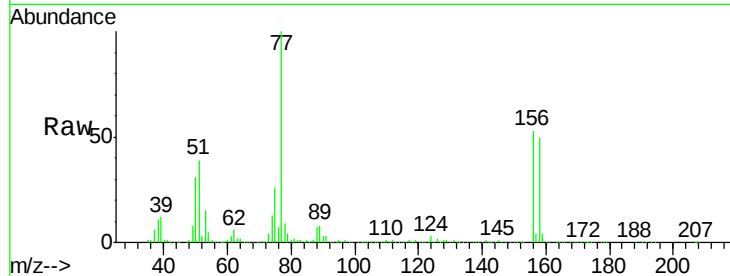
158 96.1 49.0 147.0

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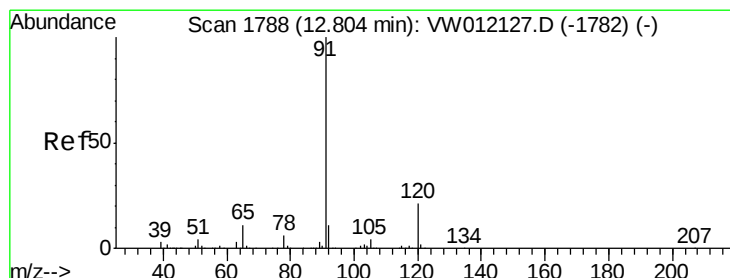
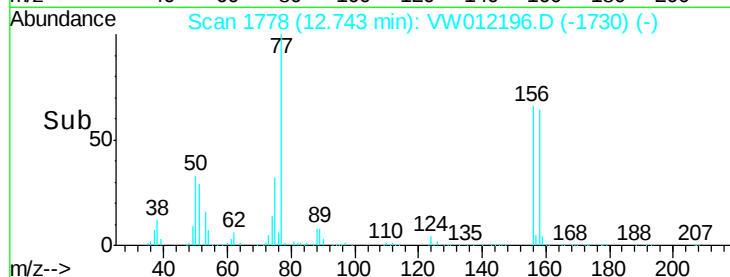
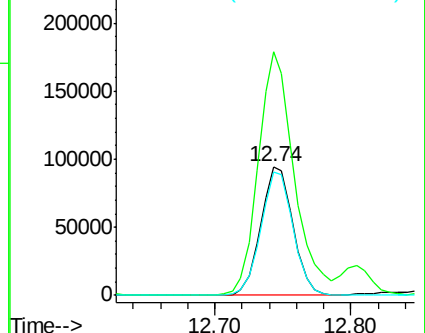
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.112 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012196.D

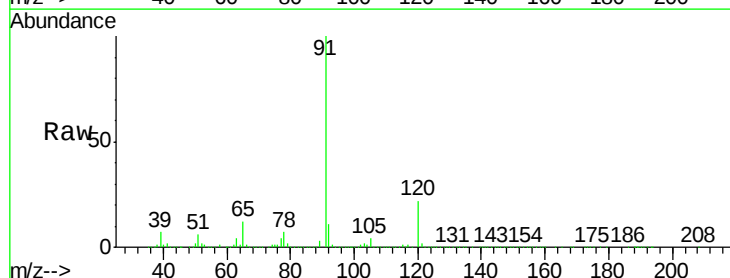
Acq: 27 Aug 2019 02:26

Tgt Ion: 91 Resp: 816516

Ion Ratio Lower Upper

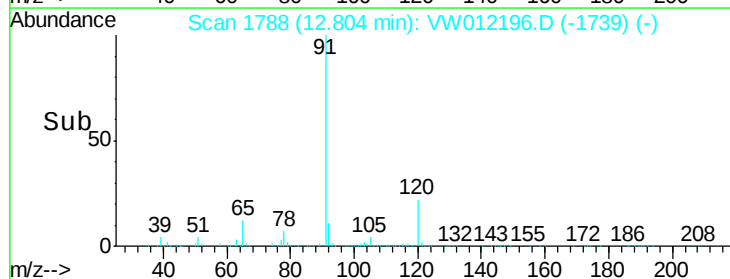
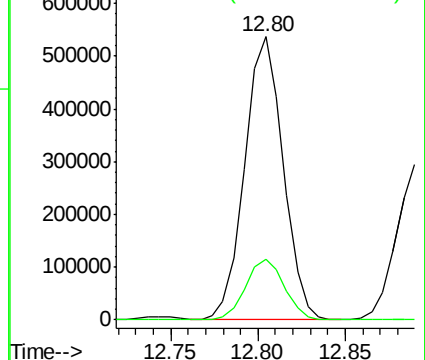
91 100

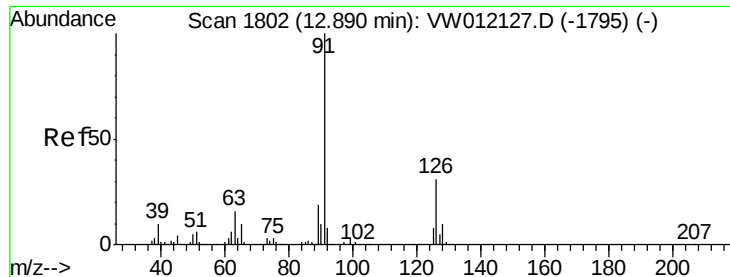
120 21.8 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





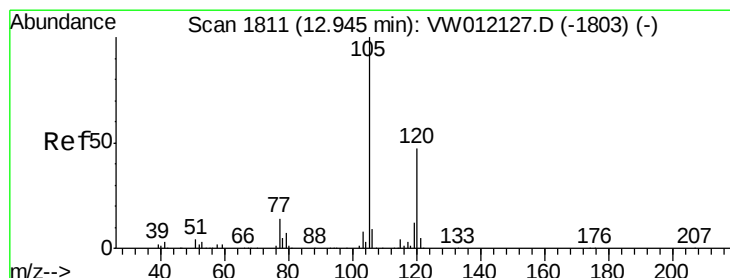
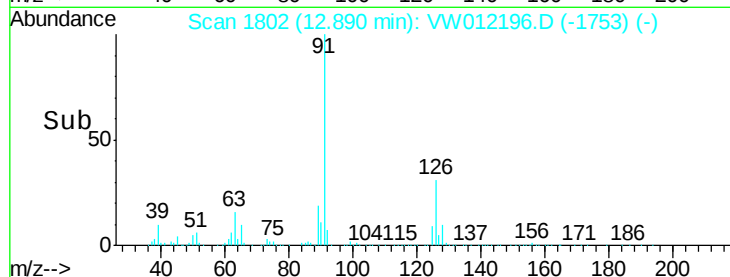
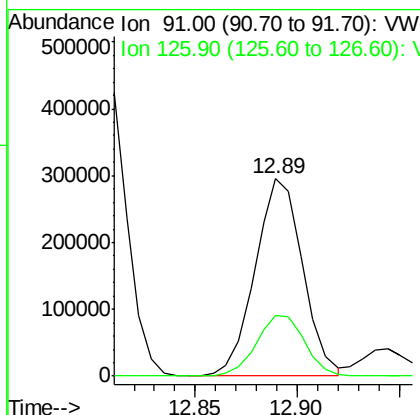
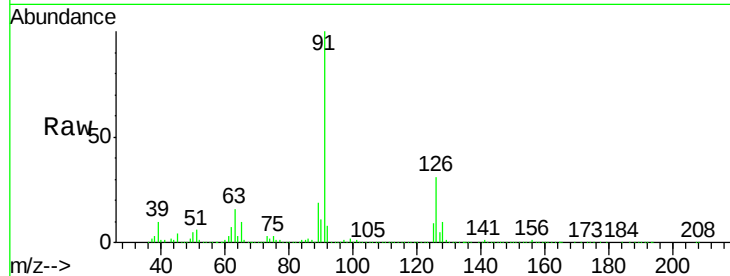
#79
2-Chlorotoluene
Concen: 54.546 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 476085
Ion Ratio Lower Upper
91 100
126 31.7 15.7 47.0

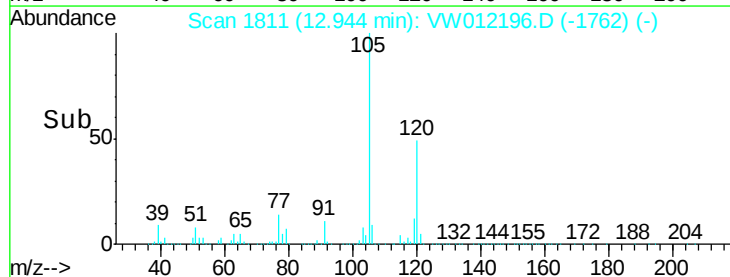
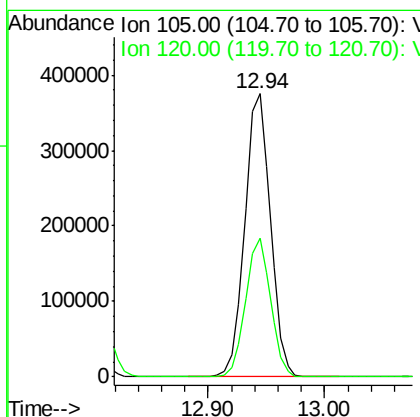
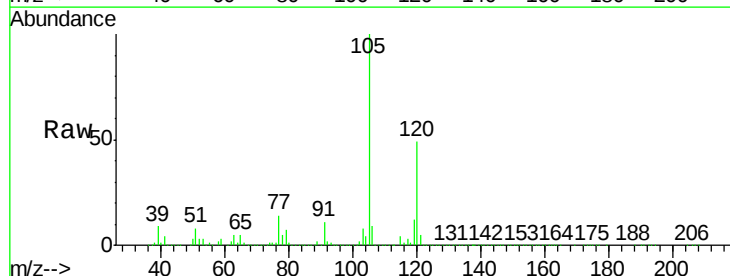
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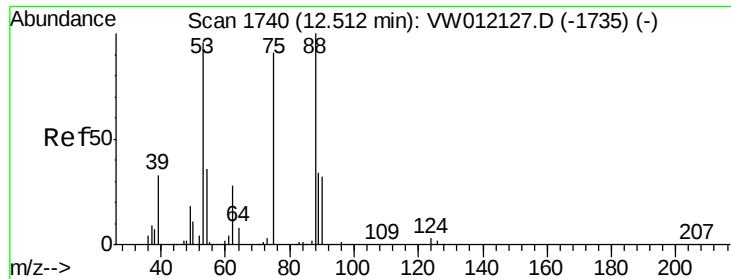
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#80
1,3,5-Trimethylbenzene
Concen: 54.703 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion:105 Resp: 575621
Ion Ratio Lower Upper
105 100
120 47.8 24.0 72.0





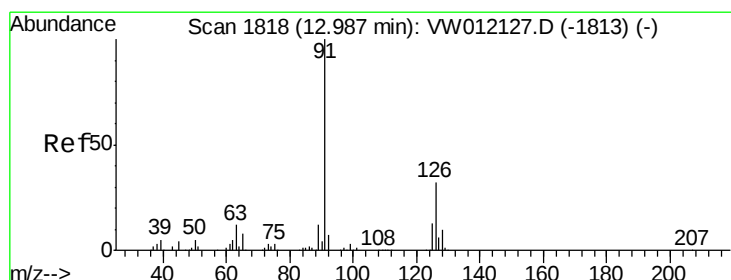
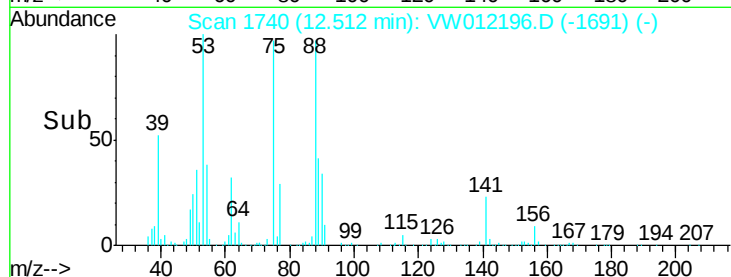
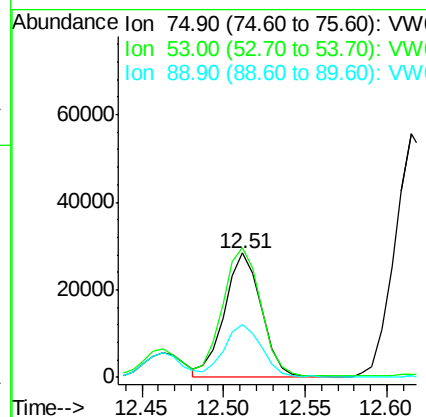
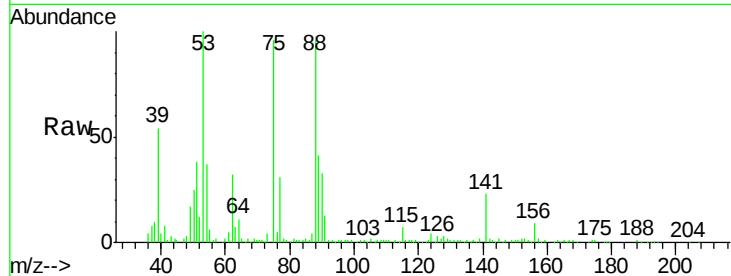
#81
trans-1,4-Dichloro-2-butene
Concen: 59.006 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.8	89.4	134.0
89	43.6	34.5	51.7

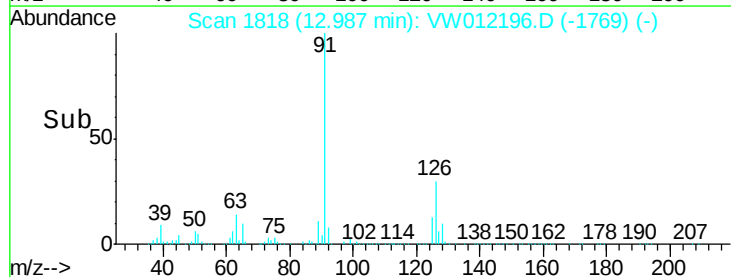
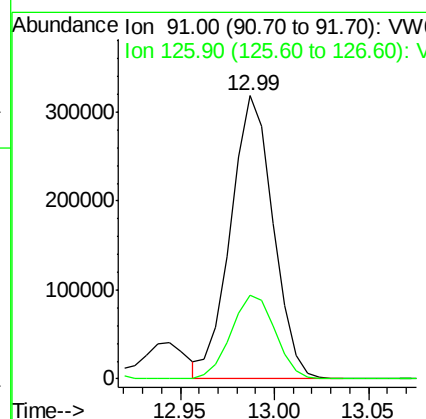
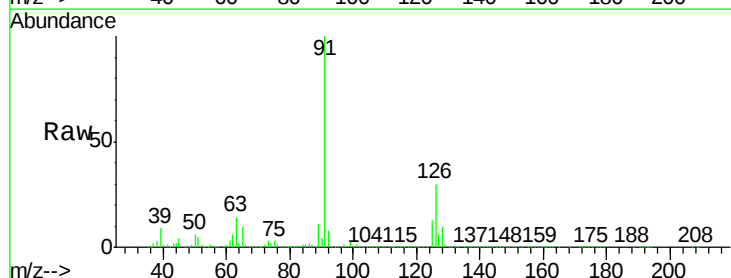
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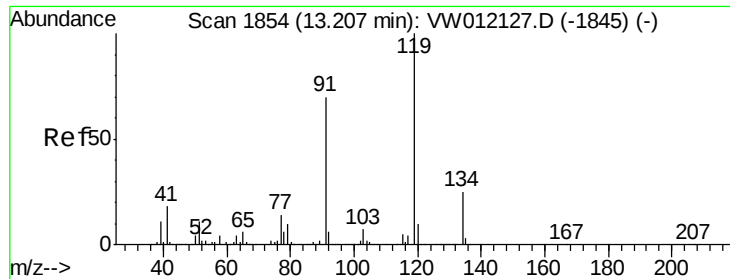
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#82
4-Chlorotoluene
Concen: 54.289 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.6	46.8





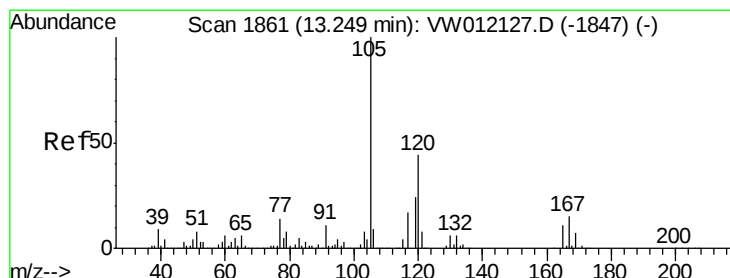
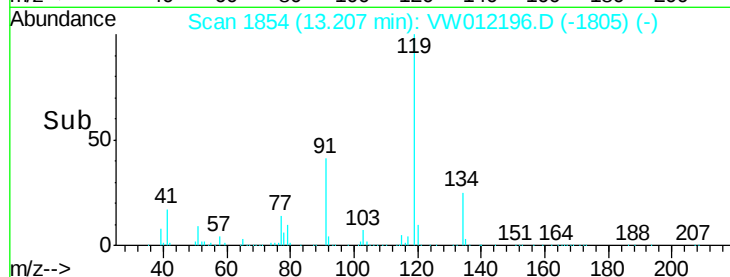
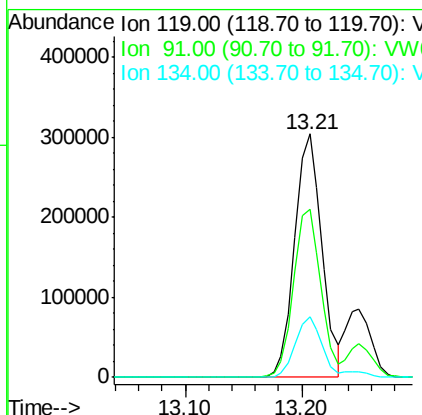
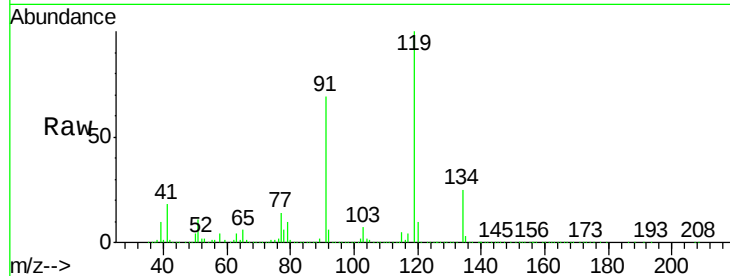
#83
tert-Butylbenzene
Concen: 54.958 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.7	34.8	104.3
134	24.5	13.3	39.8

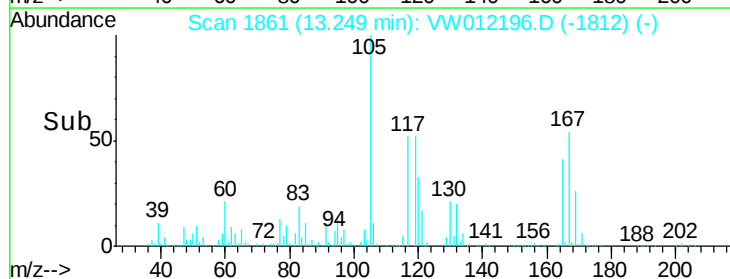
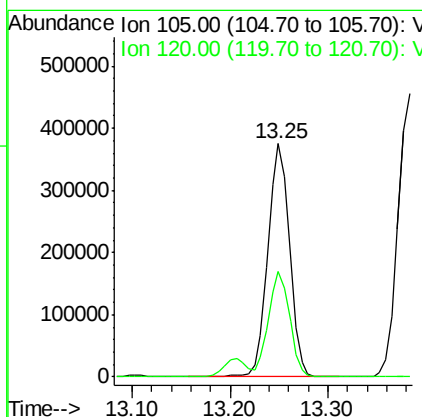
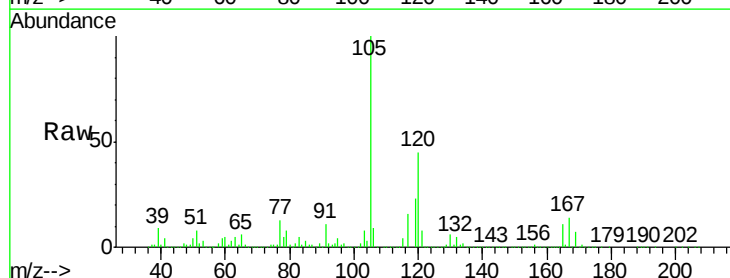
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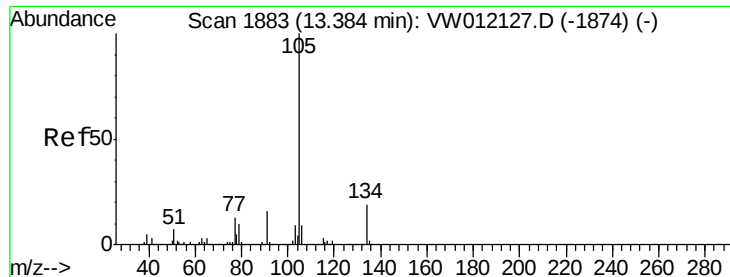
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#84
1,2,4-Trimethylbenzene
Concen: 54.585 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7





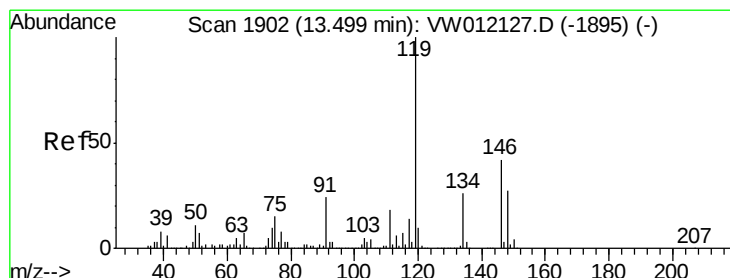
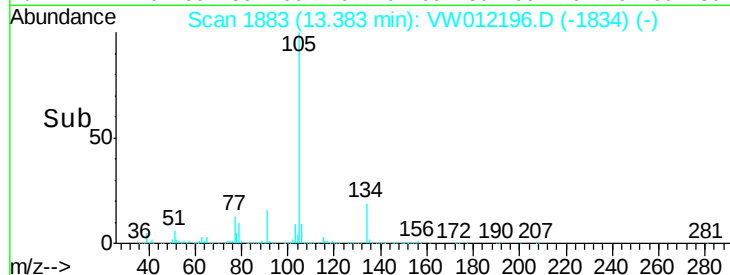
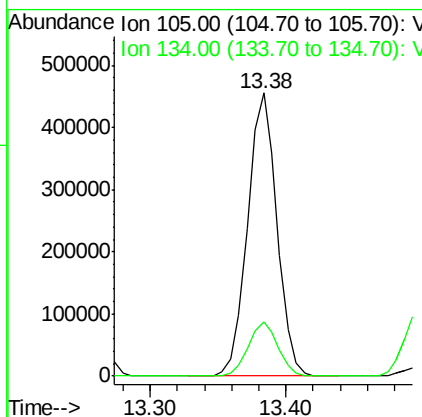
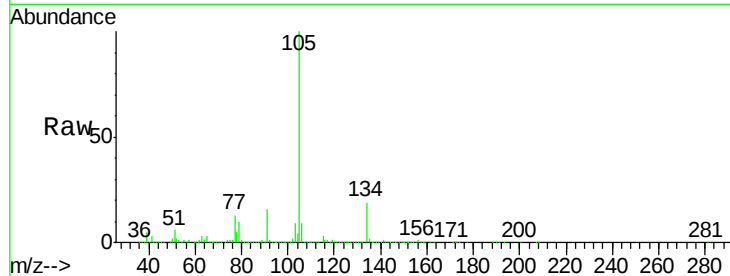
#85
 sec-Butylbenzene
 Concen: 53.791 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.4

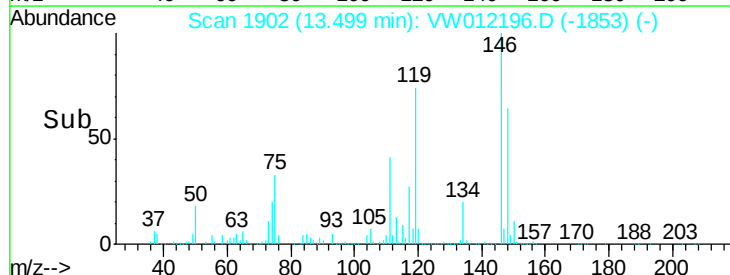
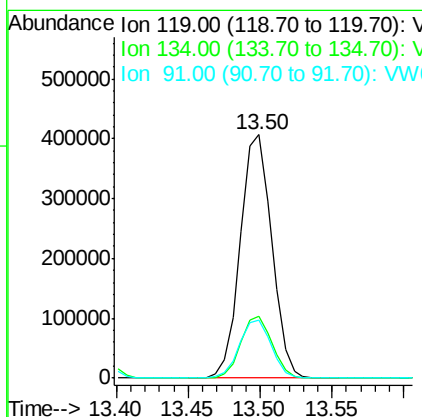
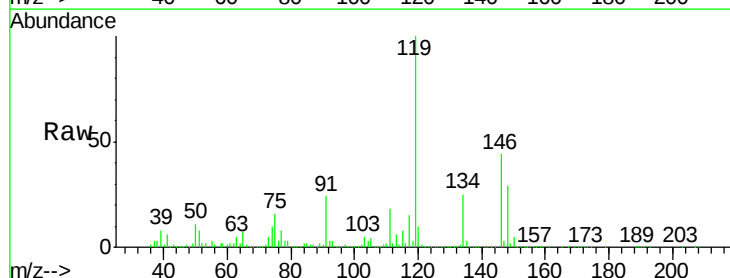
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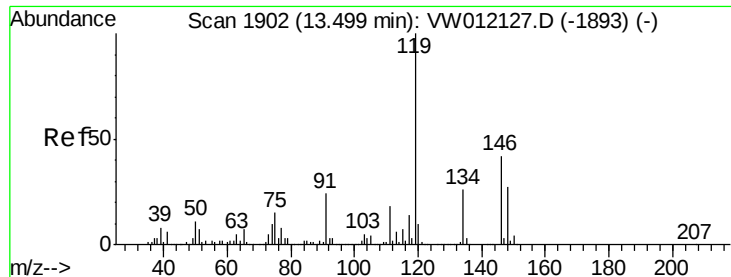
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 8/27/2019 11:04:55 AM



#86
 p-Isopropyltoluene
 Concen: 53.979 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.8	38.3
91	24.2	12.3	36.9





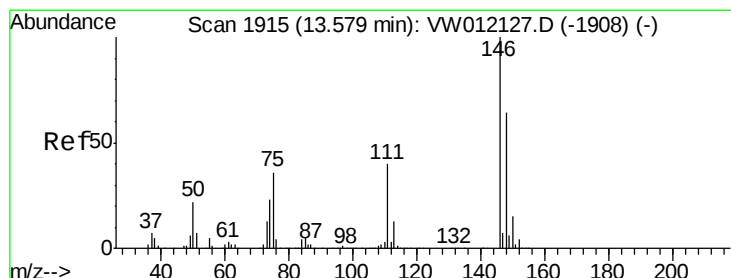
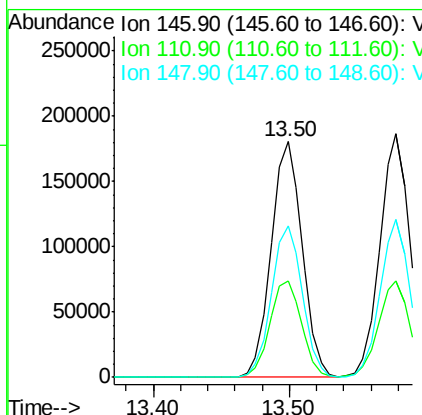
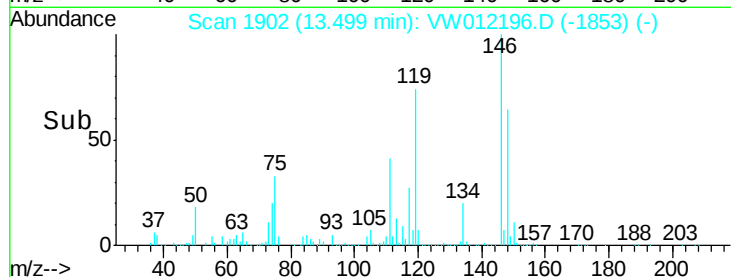
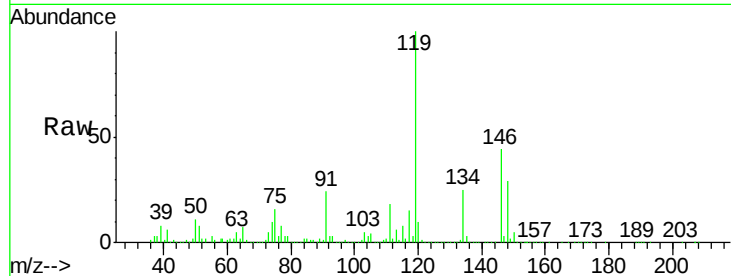
#87
 1,3-Dichlorobenzene
 Concen: 53.984 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.9	62.7
148	64.3	32.2	96.6

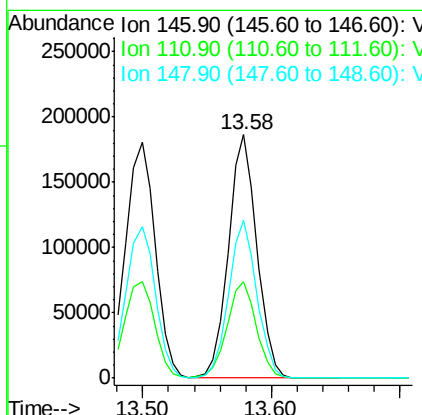
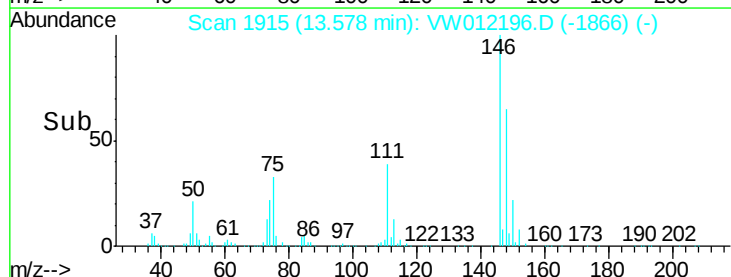
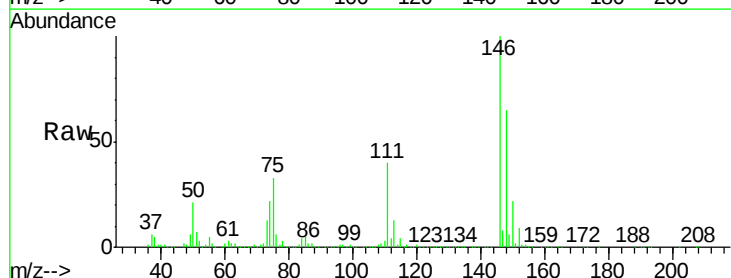
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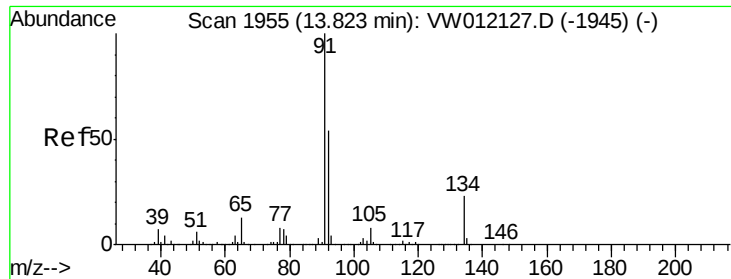
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#88
 1,4-Dichlorobenzene
 Concen: 54.212 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	60.0
148	64.5	32.1	96.3





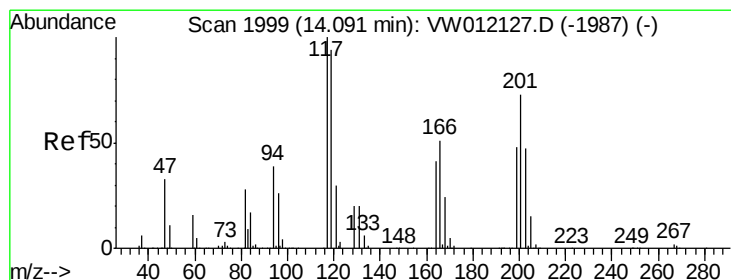
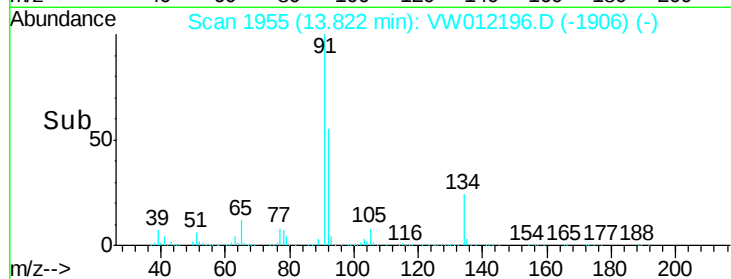
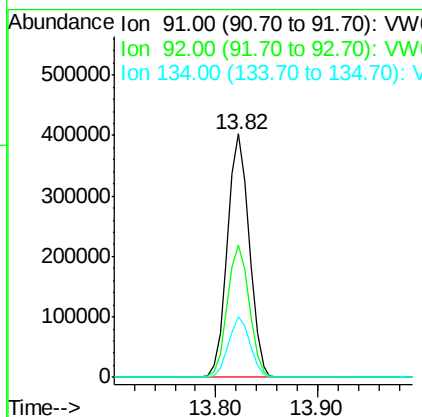
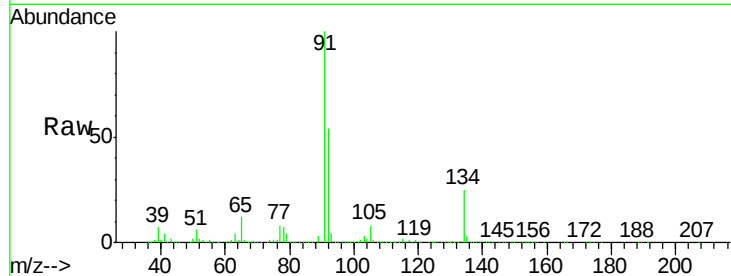
#89
n-Butylbenzene
Concen: 52.360 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.2
134	24.5	12.2	36.4

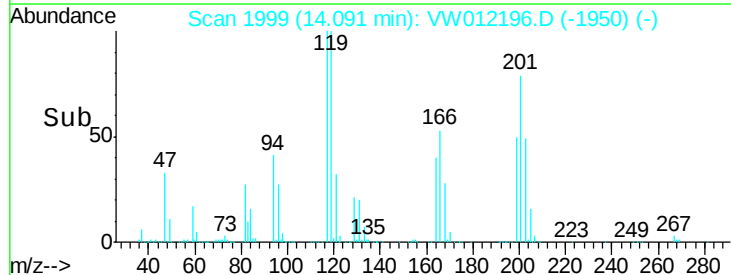
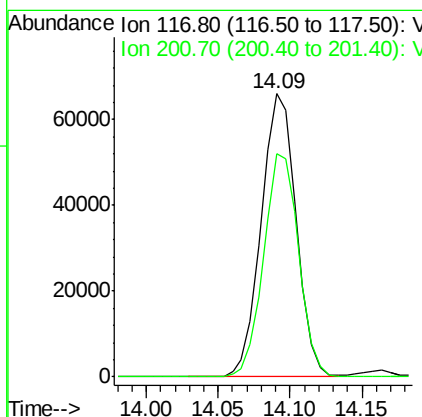
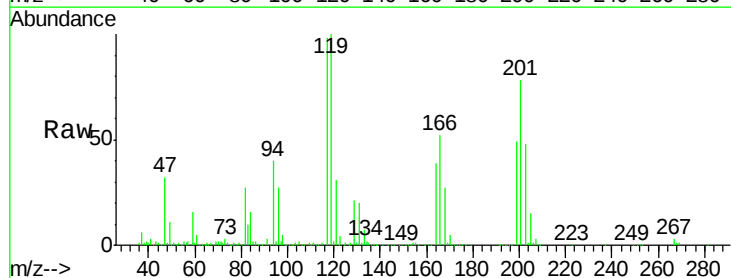
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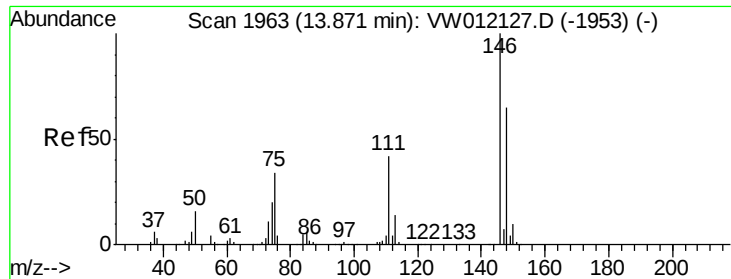
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#90
Hexachloroethane
Concen: 55.118 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.4	38.6	115.7





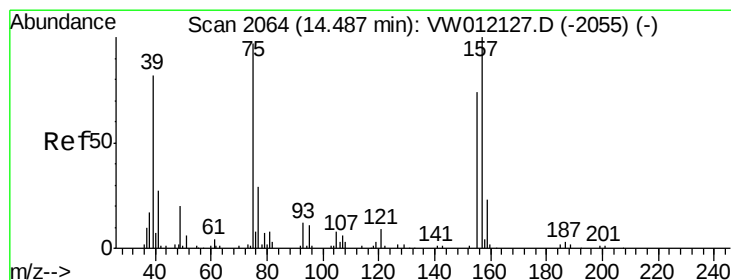
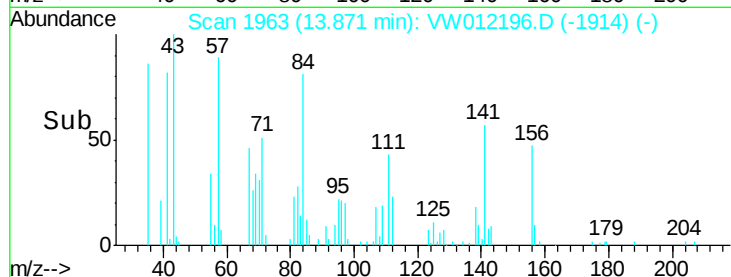
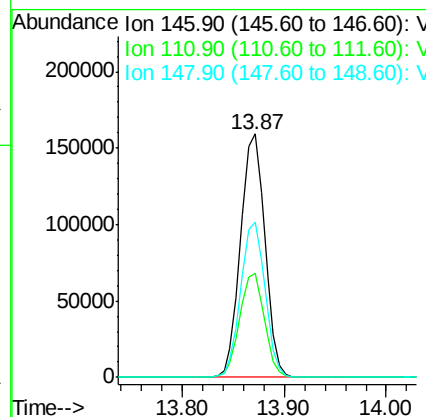
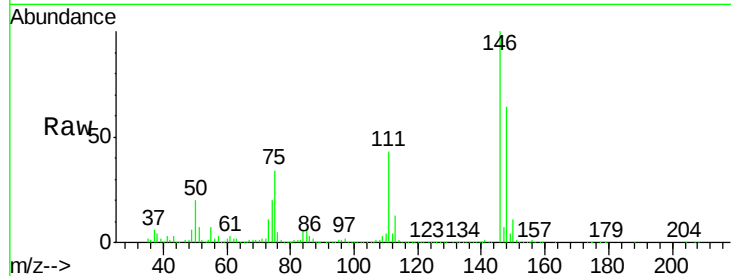
#91
 1,2-Dichlorobenzene
 Concen: 56.251 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.2	63.6
148	64.0	32.5	97.4

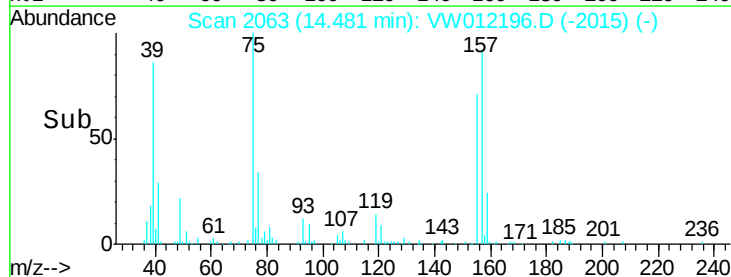
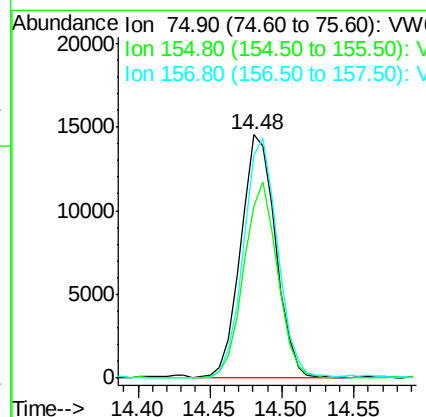
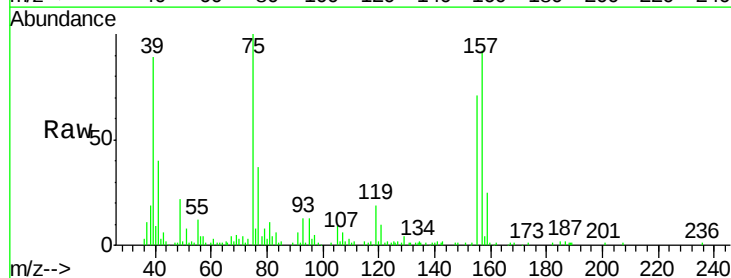
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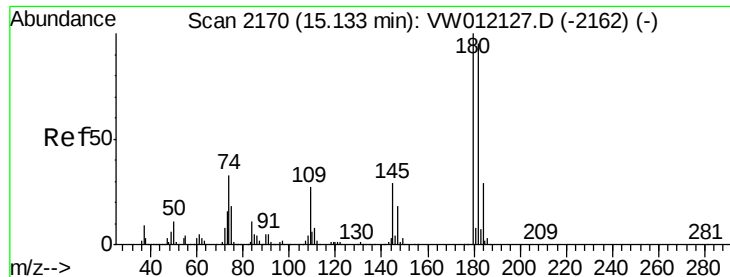
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.906 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.5	37.5	112.3
157	96.2	50.5	151.5





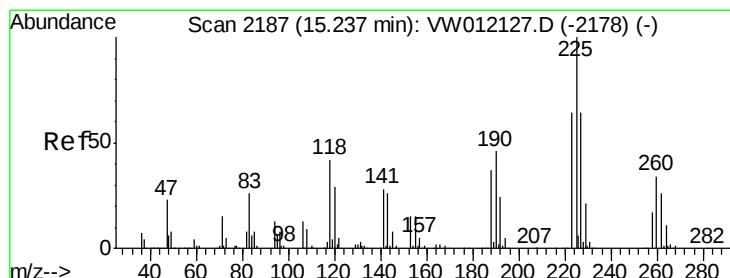
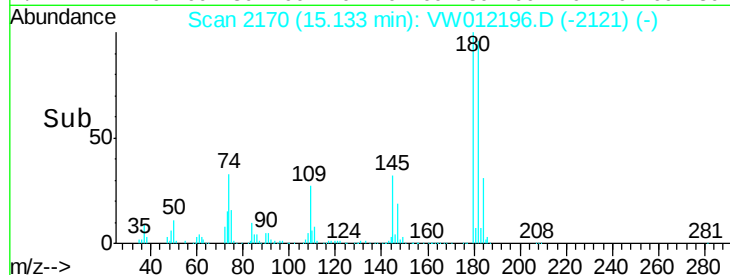
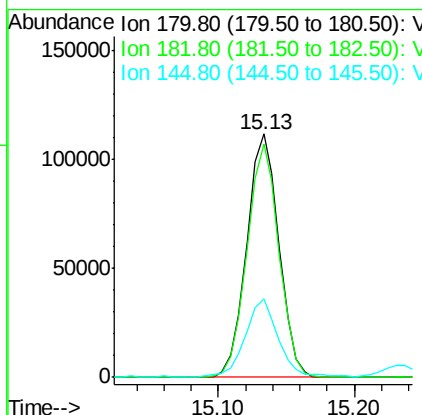
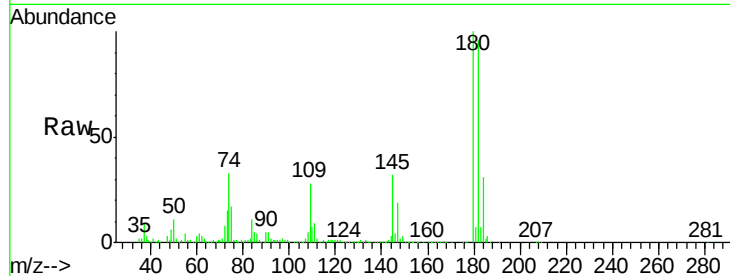
#93
 1,2,4-Trichlorobenzene
 Concen: 57.361 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	185303		
182	95.2	47.8	143.4	
145	32.3	15.0	45.1	

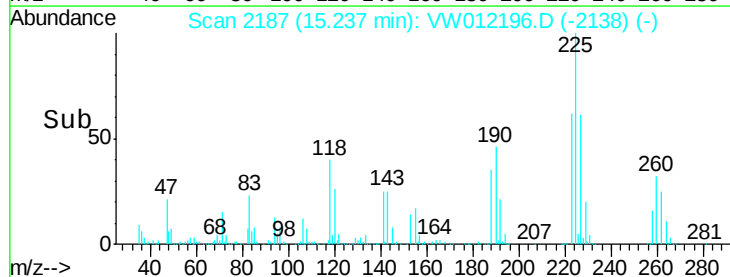
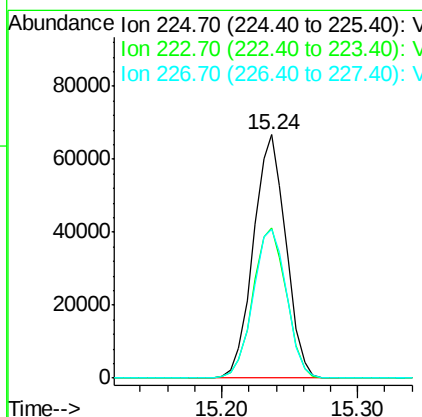
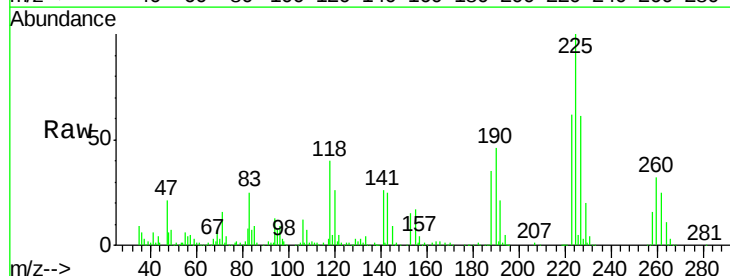
Manual Integrations
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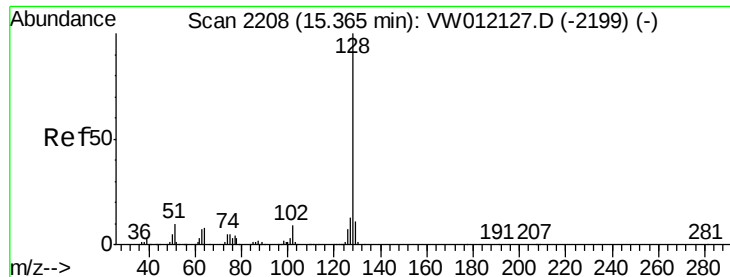
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 8/27/2019 11:04:55 AM



#94
 Hexachlorobutadiene
 Concen: 52.388 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012196.D
 Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111748		
223	63.2	32.3	96.8	
227	63.0	32.9	98.6	





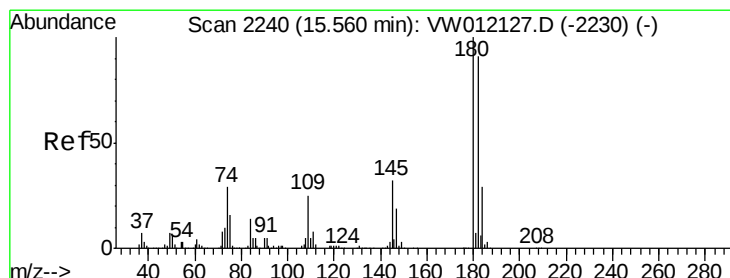
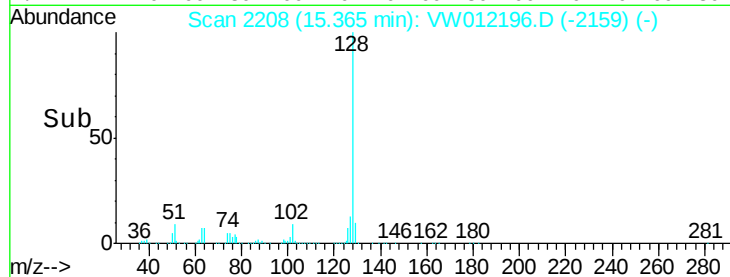
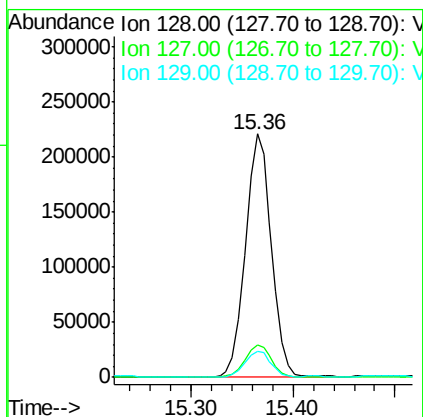
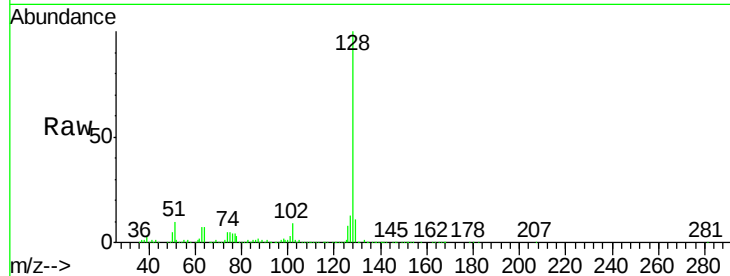
#95
Naphthalene
Concen: 60.666 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 59.972 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012196.D
Acq: 27 Aug 2019 02:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	37.8	16.2	48.5

