

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012362.D
 Acq On : 30 Aug 2019 20:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/31/2019 9:11:37 AM

Quant Time: Aug 31 04:18:21 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	208675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128536	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.88	113	100371	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.32	98	402628	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.62	95	143937	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64225	49.985	ug/l	97
3) Chloromethane	2.21	50	111467	55.995	ug/l	99
4) Vinyl Chloride	2.35	62	127209	52.210	ug/l	100
5) Bromomethane	2.73	94	61235	49.625	ug/l	96
6) Chloroethane	2.90	64	73747	53.655	ug/l	99
7) Trichlorofluoromethane	3.24	101	67436	55.120	ug/l	98
8) Diethyl Ether	3.67	74	62707	53.998	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105888	50.918	ug/l	98
10) Methyl Iodide	4.26	142	150534	53.500	ug/l	99
11) Tert butyl alcohol	5.16	59	44892	300.717	ug/l	99
12) 1,1-Dichloroethene	4.04	96	109357	52.246	ug/l	96
13) Acrolein	3.89	56	34167	243.141	ug/l	99
14) Allyl chloride	4.66	41	242688	54.235	ug/l	100
15) Acrylonitrile	5.36	53	168275	292.349	ug/l	100
16) Acetone	4.12	43	162052	255.561	ug/l	99
17) Carbon Disulfide	4.37	76	319492	50.506	ug/l	97
18) Methyl Acetate	4.66	43	96539	61.468	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	190791	56.366	ug/l	98
20) Methylene Chloride	4.91	84	126624	52.822	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	120527	53.698	ug/l	99
22) Diisopropyl ether	6.31	45	461535	55.644	ug/l	97
23) Vinyl Acetate	6.25	43	1434336	280.995	ug/l	100
24) 1,1-Dichloroethane	6.21	63	245362	54.330	ug/l	99
25) 2-Butanone	7.16	43	243072	282.093	ug/l	100
26) 2,2-Dichloropropane	7.16	77	130615	51.097	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	130735	54.516	ug/l	99
28) Bromochloromethane	7.51	49	101025	51.324	ug/l	99
29) Tetrahydrofuran	7.52	42	157086	303.861	ug/l	100
30) Chloroform	7.67	83	224704	54.384	ug/l	99
31) Cyclohexane	7.95	56	214277	47.957	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	177148	54.197	ug/l	100
36) 1,1-Dichloropropene	8.08	75	181738	52.234	ug/l	100
37) Ethyl Acetate	7.24	43	106162	55.681	ug/l	100
38) Carbon Tetrachloride	8.06	117	159053	52.816	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	194864	49.853	ug/l	99
40) Benzene	8.32	78	505942	53.254	ug/l	98
41) Methacrylonitrile	7.48	41	67171	59.943	ug/l	96
42) 1,2-Dichloroethane	8.40	62	162328	54.517	ug/l	100
43) Isopropyl Acetate	8.42	43	200362	56.733	ug/l	100
44) Trichloroethene	9.09	130	122530	53.054	ug/l	96
45) 1,2-Dichloropropane	9.37	63	137266	53.685	ug/l	97
46) Dibromomethane	9.46	93	62390	54.842	ug/l	99
47) Bromodichloromethane	9.64	83	165150	54.546	ug/l	96
48) Methyl methacrylate	9.43	41	97624	58.079	ug/l	97
49) 1,4-Dioxane	9.45	88	19970	1146.657	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	530904	295.553	ug/l	99
52) Toluene	10.38	92	305797	53.579	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	169370	54.917	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	201161	54.019	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	87963	54.649	ug/l	98
56) Ethyl methacrylate	10.65	69	135170	57.700	ug/l	99
57) 1,3-Dichloropropane	10.93	76	168362	55.351	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	359704	299.182	ug/l	100
59) 2-Hexanone	10.97	43	365768	287.779	ug/l	100
60) Dibromochloromethane	11.13	129	99960	55.756	ug/l	99
61) 1,2-Dibromoethane	11.24	107	83318	55.562	ug/l	99
64) Tetrachloroethene	10.86	164	101786	52.888	ug/l	98
65) Chlorobenzene	11.66	112	305162	52.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	108225	53.073	ug/l	99
67) Ethyl Benzene	11.73	91	594161	52.768	ug/l	99
68) m/p-Xylenes	11.84	106	429737	105.953	ug/l	99
69) o-Xylene	12.16	106	201092	53.569	ug/l	100
70) Styrene	12.18	104	352510	54.252	ug/l	99
71) Bromoform	12.35	173	57276	56.376	ug/l #	98
73) Isopropylbenzene	12.46	105	558581	51.167	ug/l	99
74) N-amyl acetate	12.27	43	186683	56.600	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	106889	53.408	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	72330m	50.976	ug/l	
77) Bromobenzene	12.74	156	123532	52.306	ug/l	99
78) n-propylbenzene	12.80	91	683861	51.313	ug/l	99
79) 2-Chlorotoluene	12.89	91	395432	52.261	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	477094	52.301	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35243	54.458	ug/l	98
82) 4-Chlorotoluene	12.99	91	410364	51.797	ug/l	100
83) tert-Butylbenzene	13.21	119	403779	52.255	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	478727	52.244	ug/l	100
85) sec-Butylbenzene	13.38	105	568279	51.333	ug/l	100
86) p-Isopropyltoluene	13.50	119	511192	51.706	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	237043	51.314	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	237843	51.854	ug/l	100
89) n-Butylbenzene	13.82	91	511510	52.027	ug/l	100
90) Hexachloroethane	14.09	117	88783	51.185	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	213668	52.726	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19343	57.330	ug/l	97

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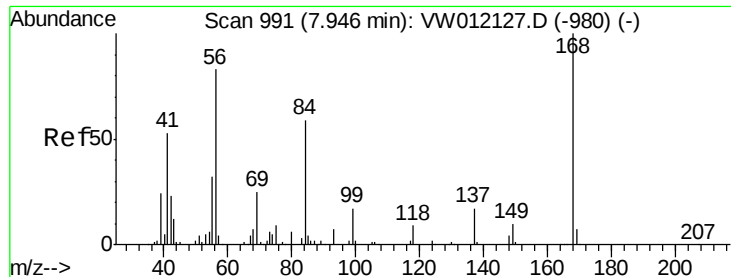
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	153842	54.934	ug/l	99
94) Hexachlorobutadiene	15.24	225	98602	53.322	ug/l	97
95) Naphthalene	15.36	128	291061	52.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	134637	55.103	ug/l	99

(#) = 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: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 208675

Ion Ratio Lower Upper

168 100

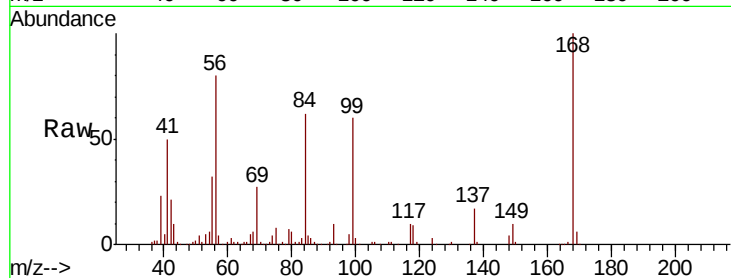
99 60.1 49.2 73.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

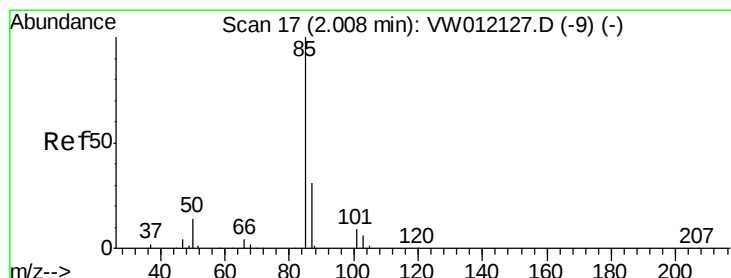
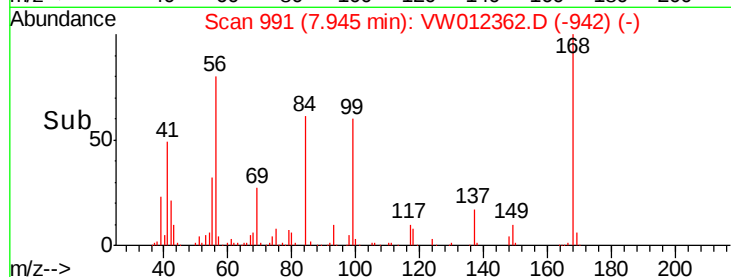
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 49.985 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012362.D

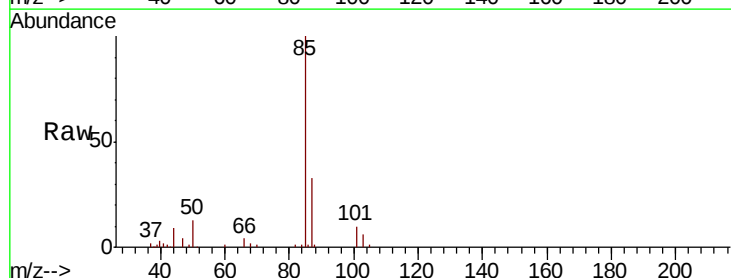
Acq: 30 Aug 2019 20:26

Tgt Ion: 85 Resp: 64225

Ion Ratio Lower Upper

85 100

87 33.1 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

15000

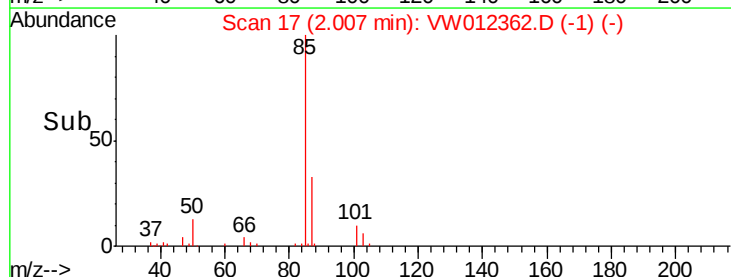
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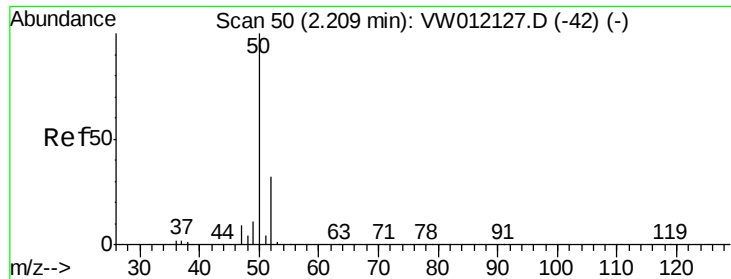
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 55.995 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 111467

Ion Ratio Lower Upper

50 100

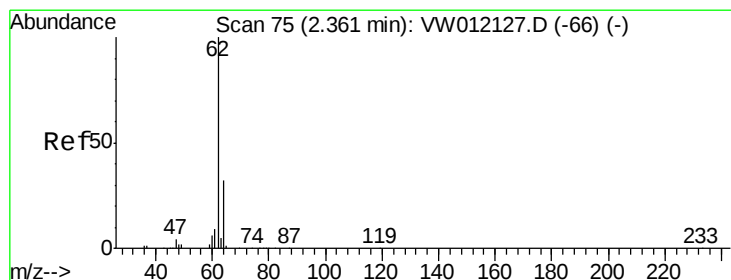
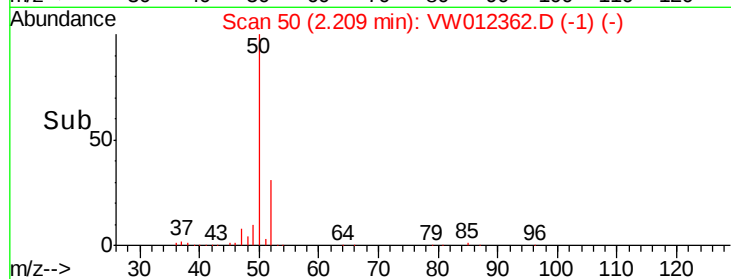
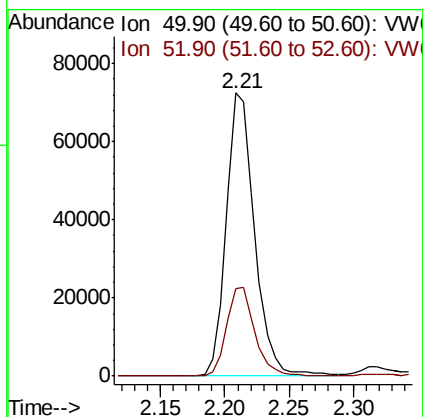
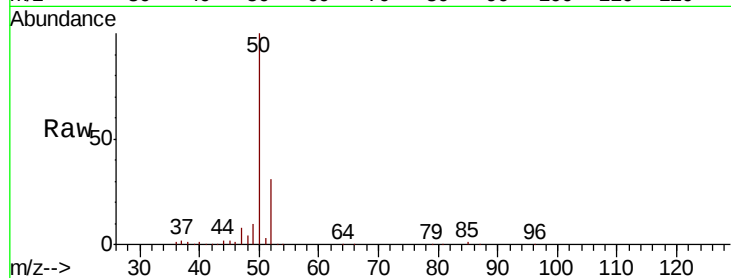
52 31.1 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.210 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012362.D

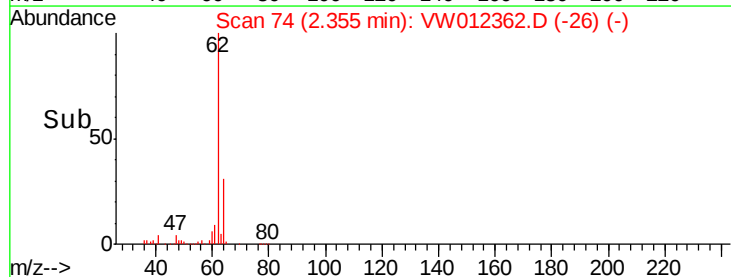
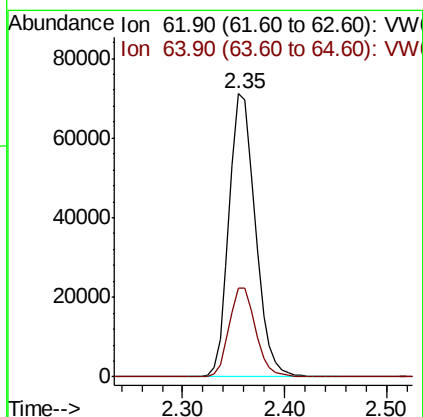
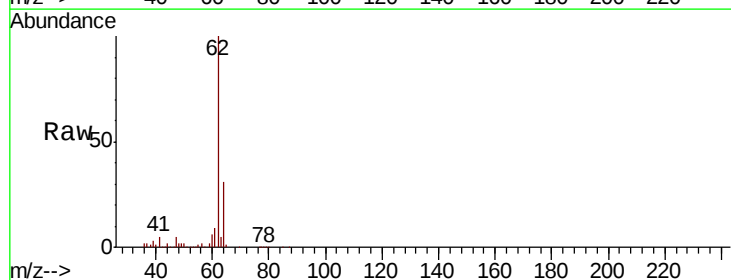
Acq: 30 Aug 2019 20:26

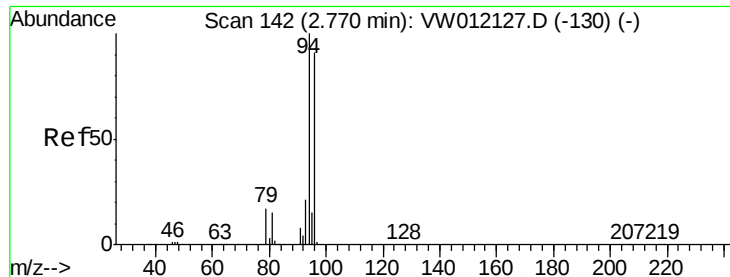
Tgt Ion: 62 Resp: 127209

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 49.625 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.04 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

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Tot Ion: 94 Resp: 61235

Ion Ratio Lower Upper

94 100

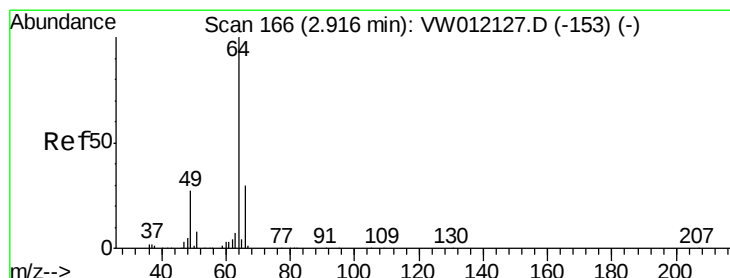
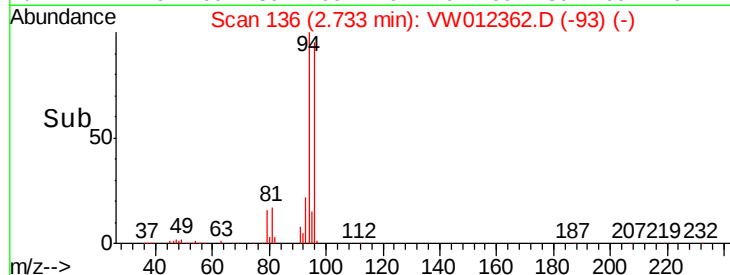
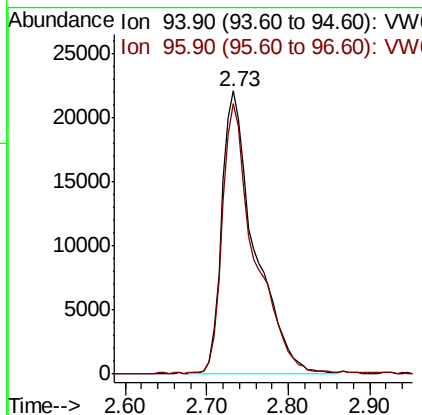
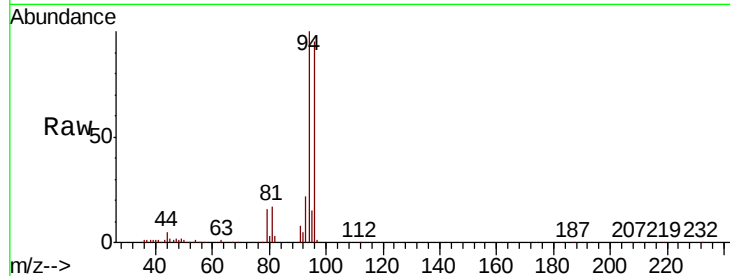
96 95.3 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 53.655 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012362.D

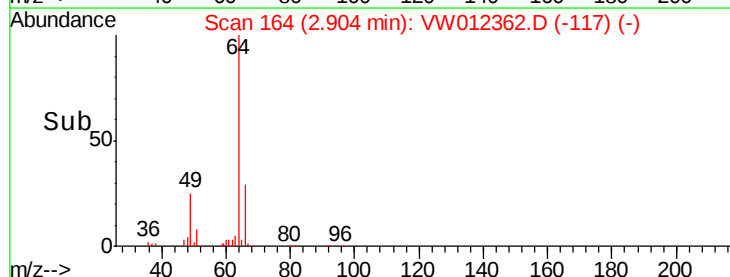
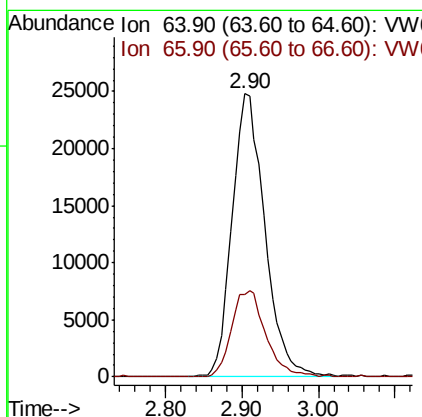
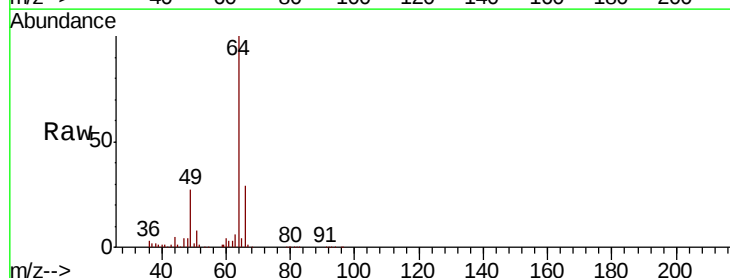
Acq: 30 Aug 2019 20:26

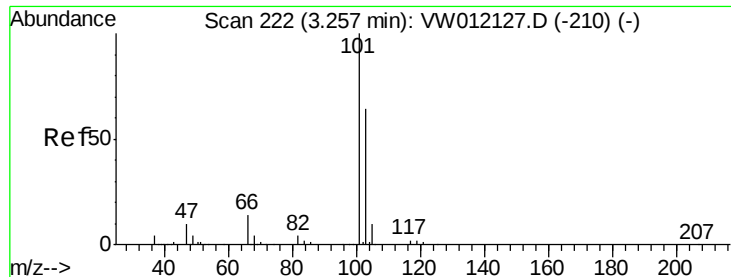
Tgt Ion: 64 Resp: 73747

Ion Ratio Lower Upper

64 100

66 29.2 23.8 35.8





#7

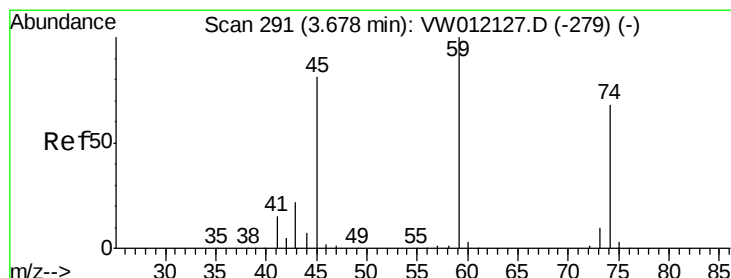
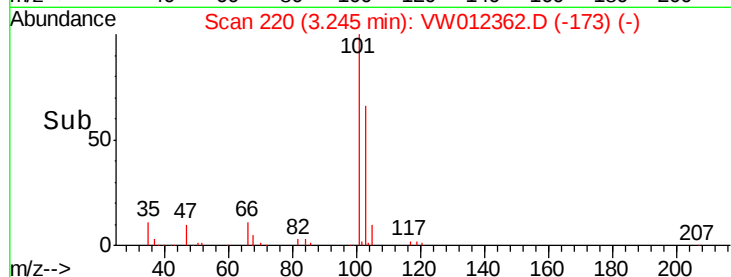
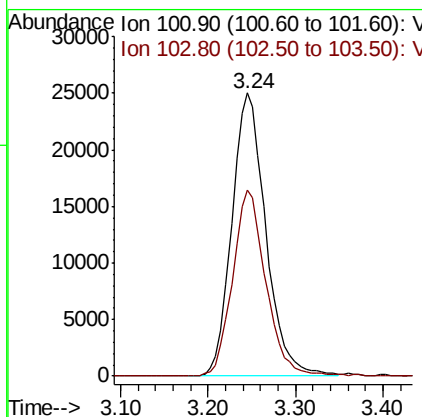
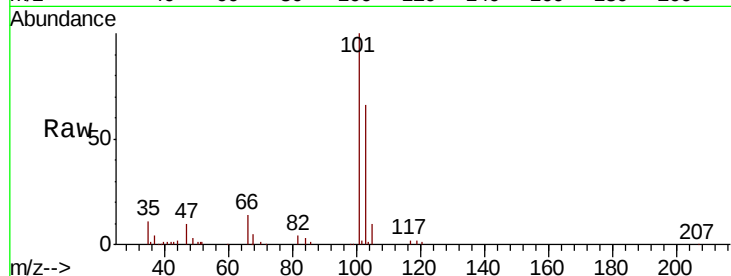
Trichlorofluoromethane
 Concen: 55.120 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		67436		
103	65.6	51.2	76.8		

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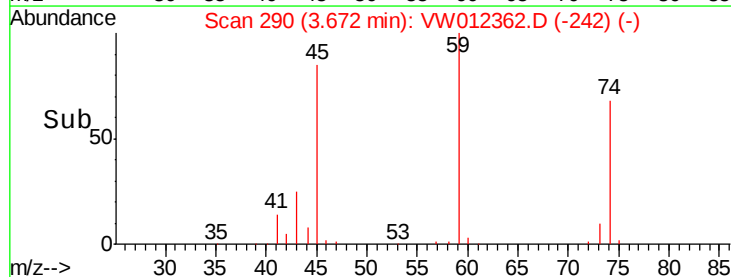
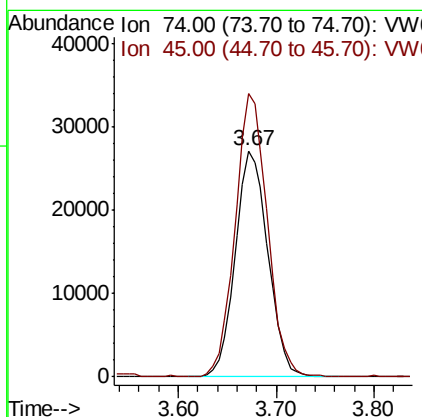
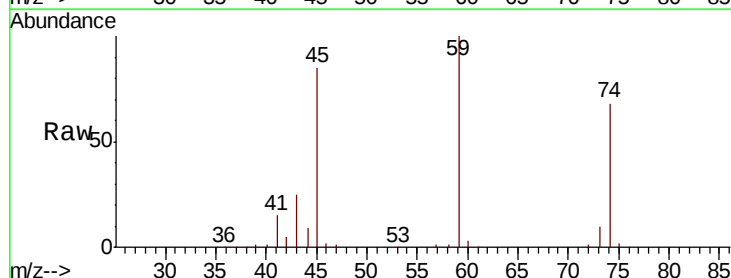
MMDadoda
 8/31/2019 9:11:37 AM

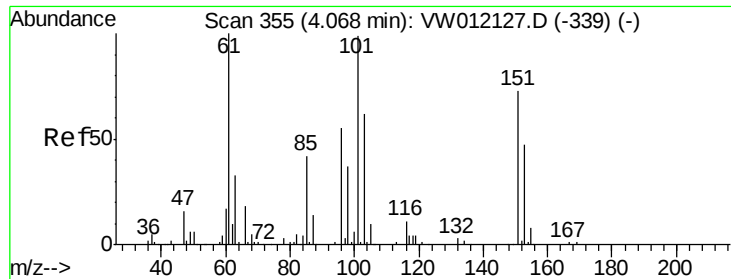


#8

Diethyl Ether
 Concen: 53.998 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		62707		
45	123.9	59.2	177.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.918 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

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MSVOA_W

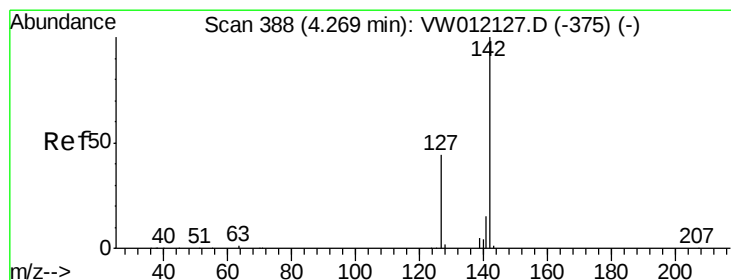
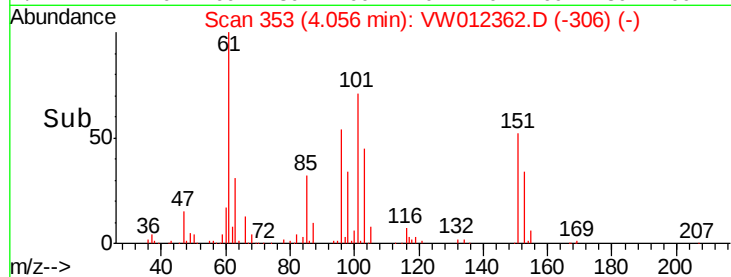
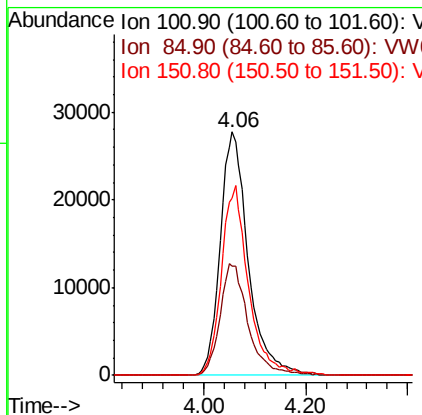
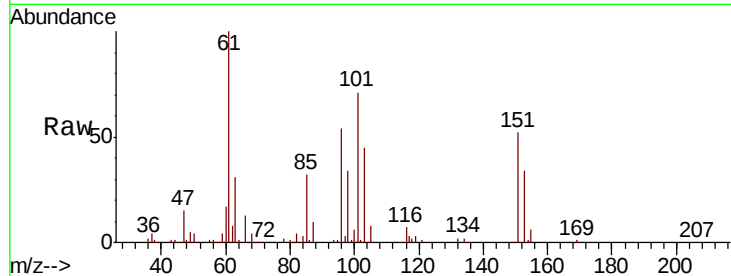
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	105888
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.8	53.6
151	74.4	58.6	87.8

Manual Integrations
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#10

Methyl Iodide

Concen: 53.500 ug/l

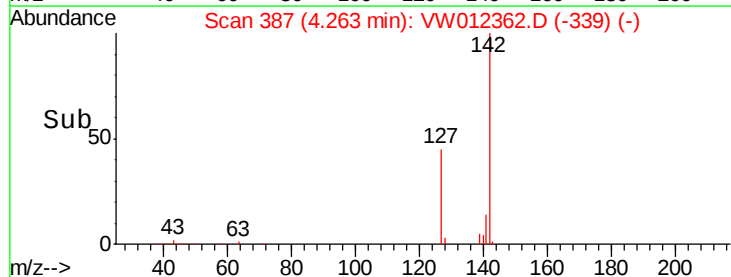
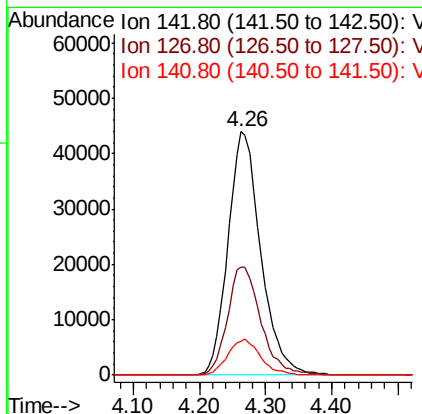
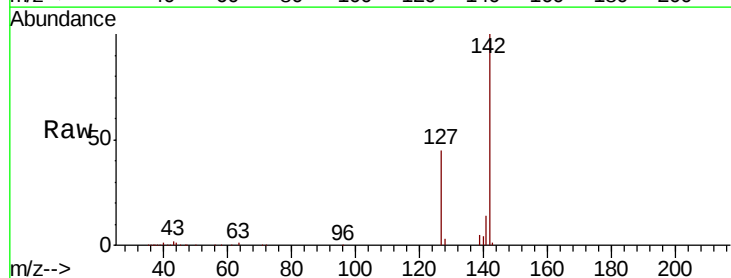
RT: 4.26 min Scan# 387

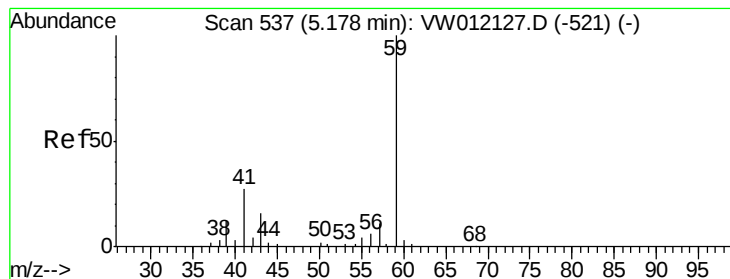
Delta R.T. -0.01 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Tgt Ion:	142	Resp:	150534
Ion Ratio	Lower	Upper	
142	100		
127	45.3	35.5	53.3
141	14.6	11.8	17.8





#11

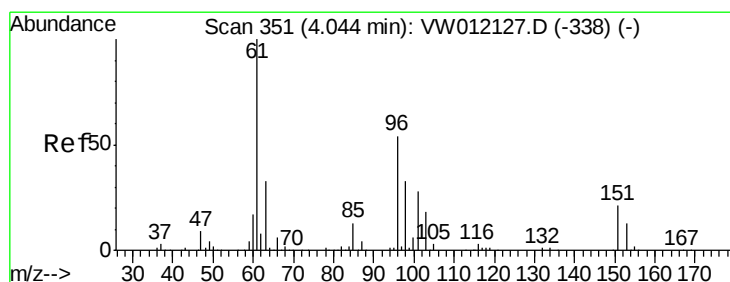
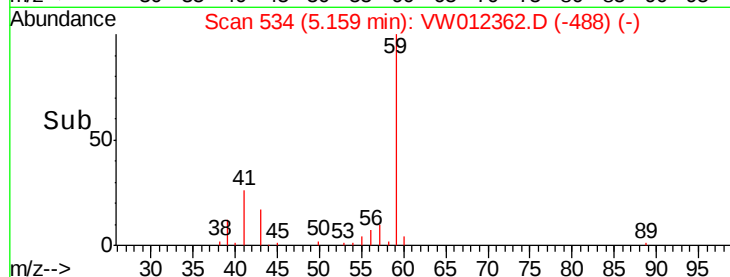
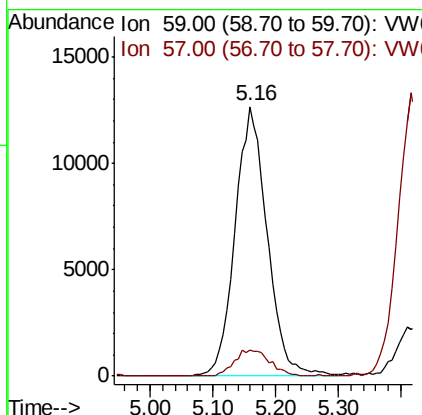
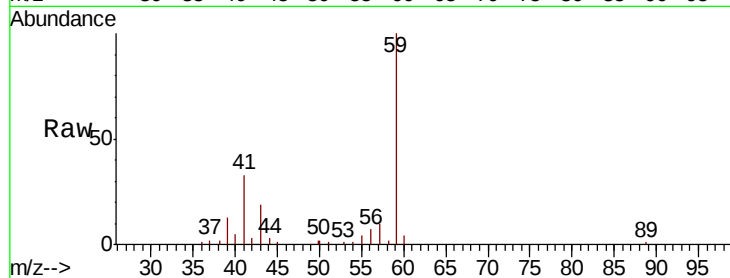
Tert butyl alcohol
Concen: 300.717 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.02 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.0	13.4

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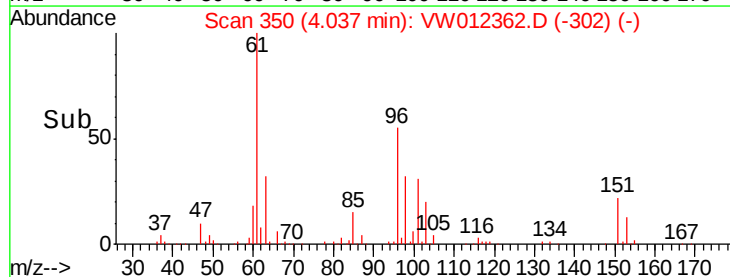
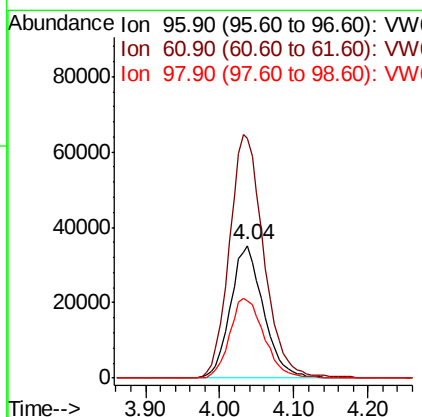
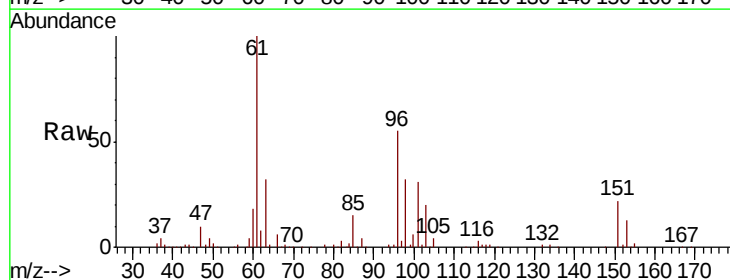
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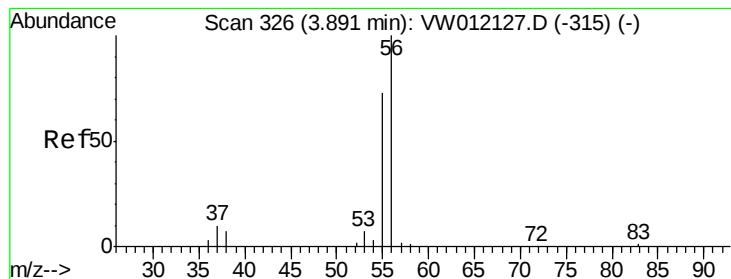


#12

1,1-Dichloroethene
Concen: 52.246 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.2	149.1	223.7
98	58.1	49.4	74.2





#13

Acrolein

Concen: 243.141 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 34167

Ion Ratio Lower Upper

56 100

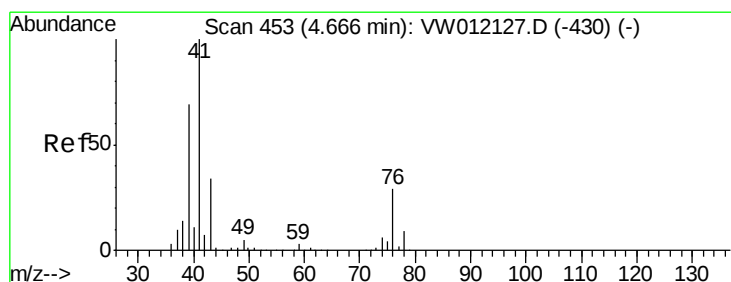
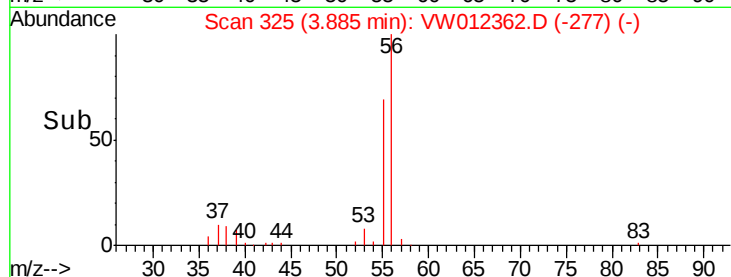
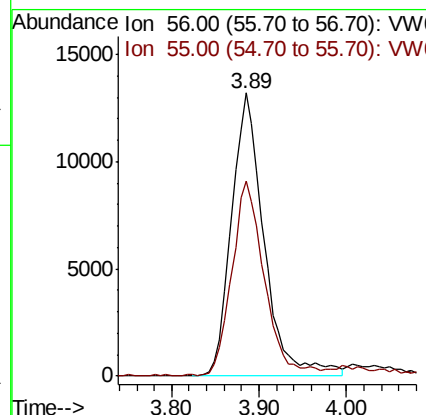
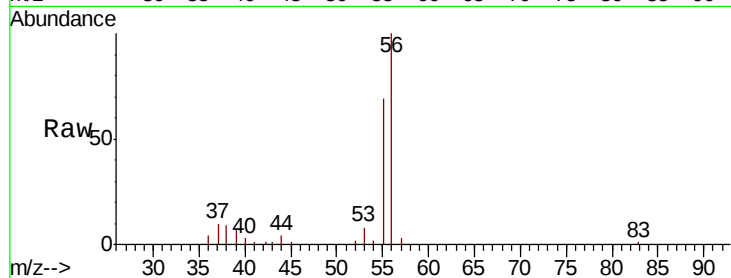
55 69.0 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 54.235 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

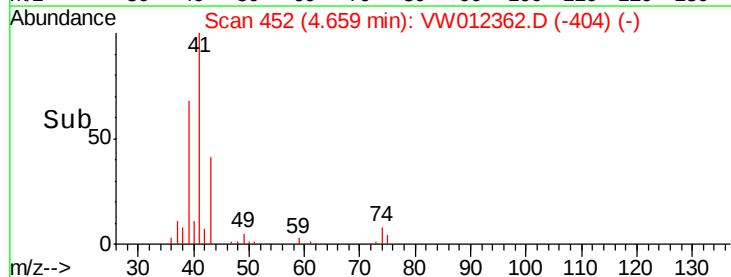
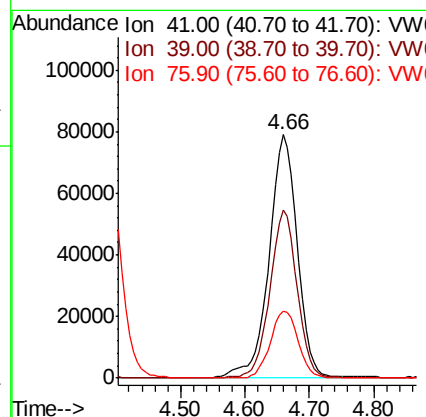
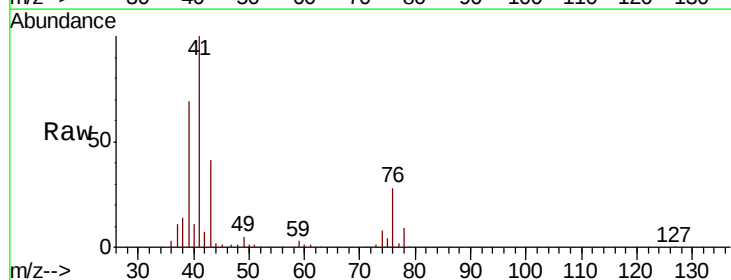
Tgt Ion: 41 Resp: 242688

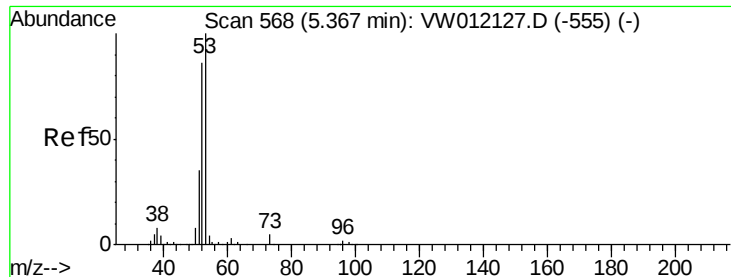
Ion Ratio Lower Upper

41 100

39 66.6 53.4 80.2

76 27.2 22.1 33.1





#15

Acrylonitrile

Concen: 292.349 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

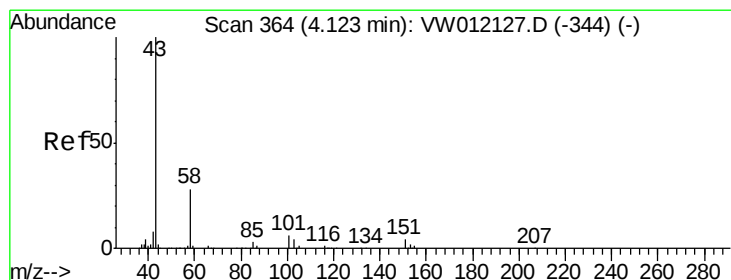
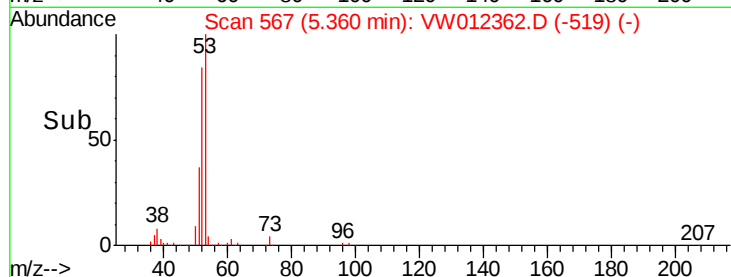
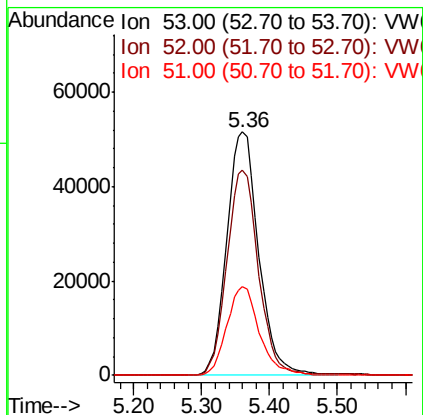
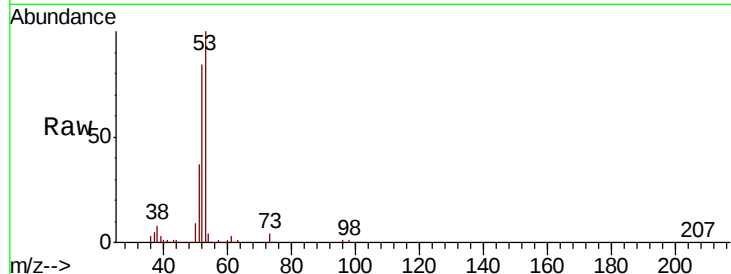
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	168275
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.7	100.1
51	37.4	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 255.561 ug/l

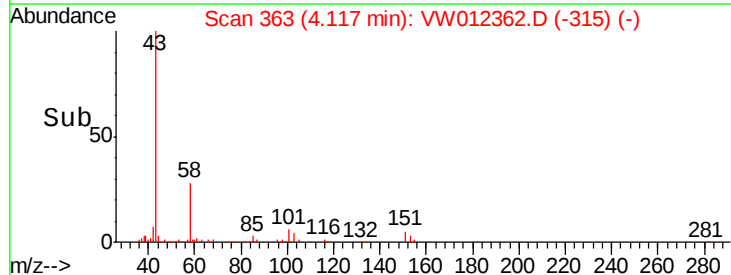
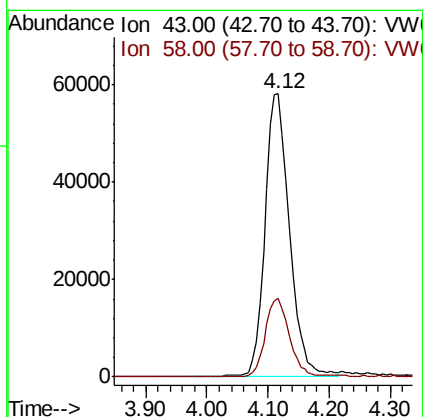
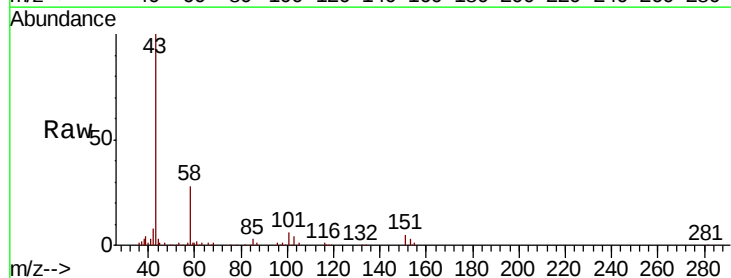
RT: 4.12 min Scan# 363

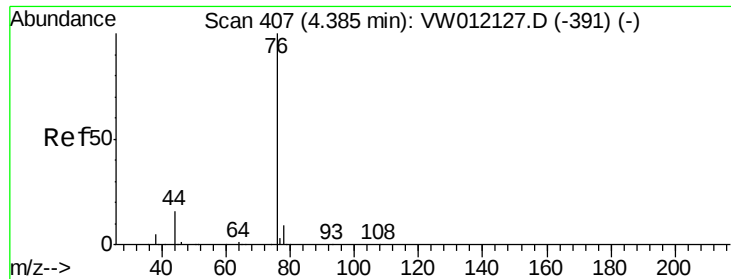
Delta R.T. -0.01 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Tgt Ion:	43	Resp:	162052
Ion Ratio	Lower	Upper	
43	100		
58	27.4	22.4	33.6





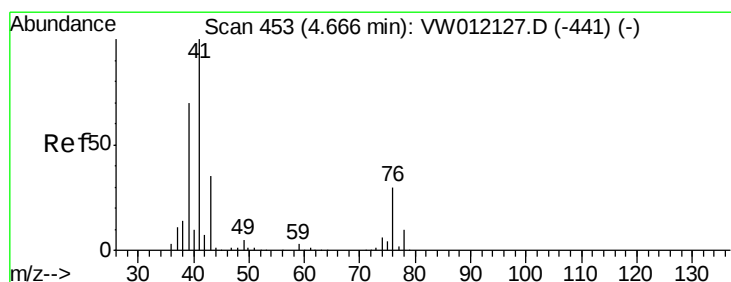
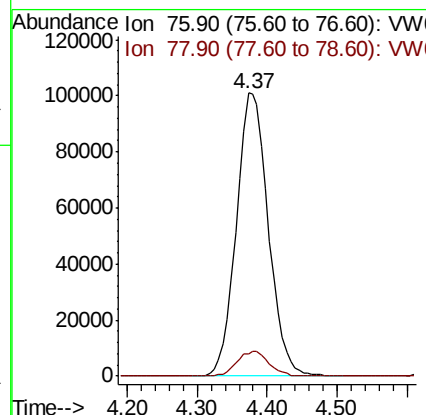
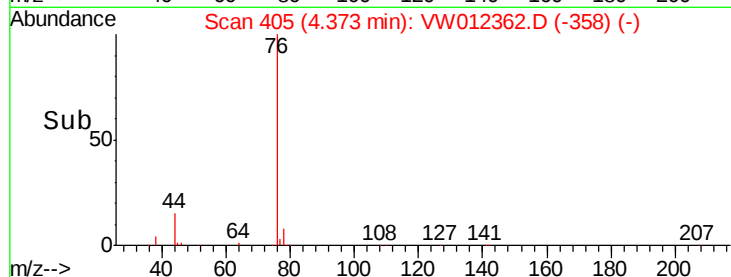
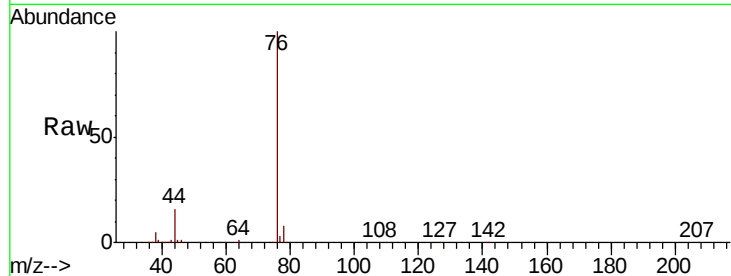
#17
Carbon Disulfide
Concen: 50.506 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.3	10.9

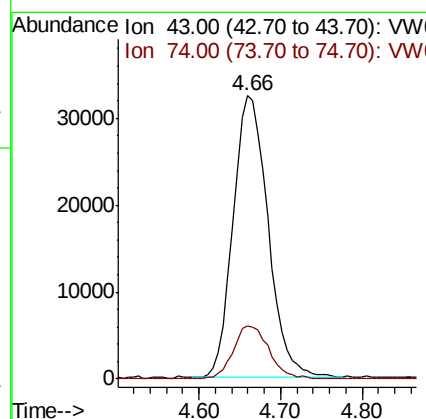
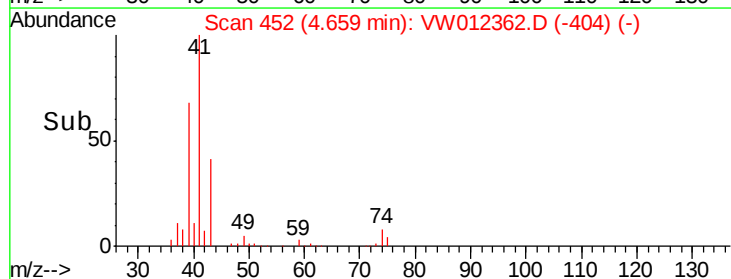
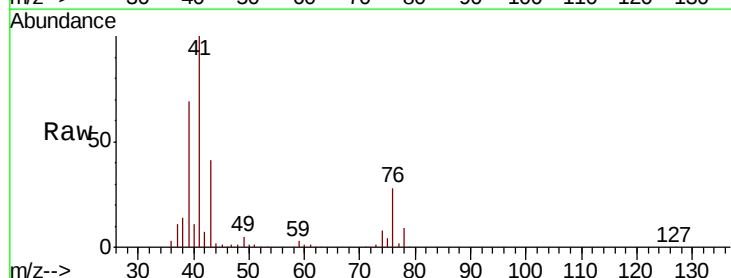
Manual Integrations
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#18
Methyl Acetate
Concen: 61.468 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.1	15.7	23.5





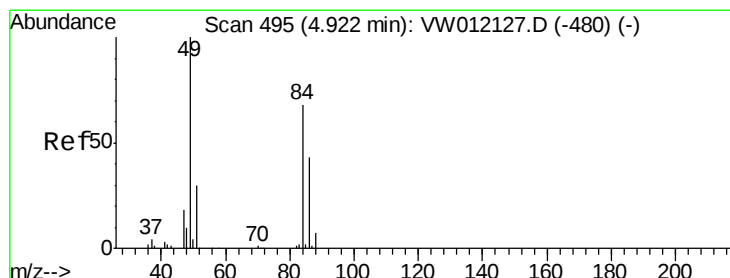
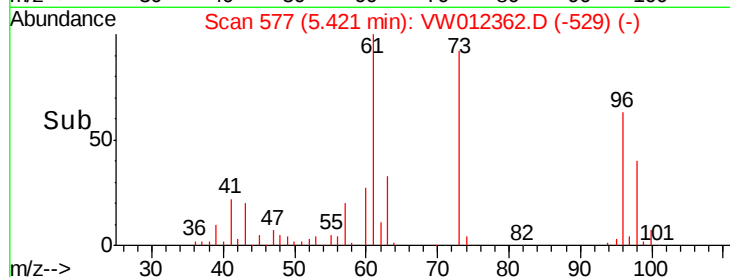
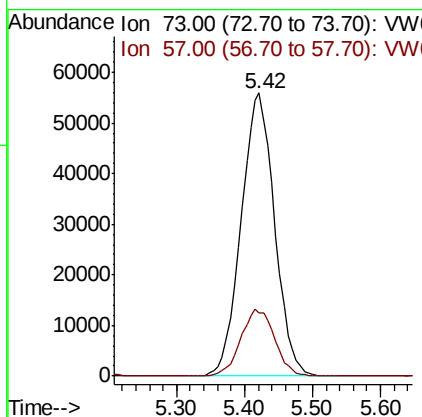
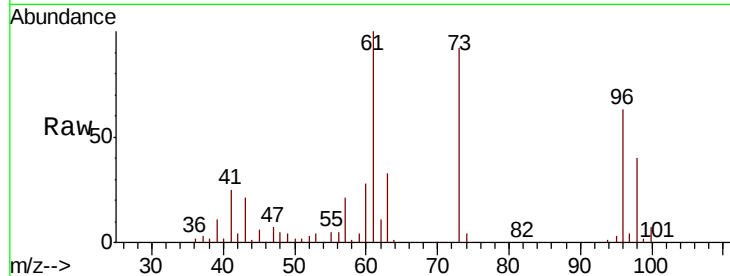
#19
Methvl tert-butvl Ether
Concen: 56.366 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 190791
Ion Ratio Lower Upper
73 100
57 22.4 18.9 28.3

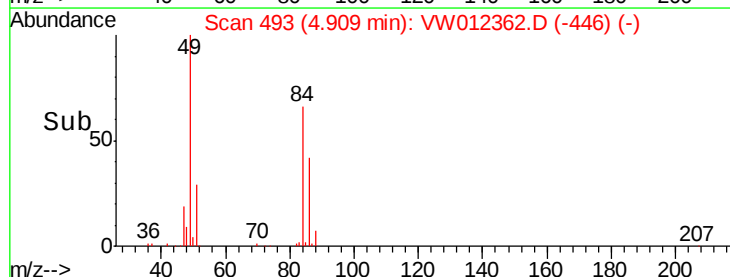
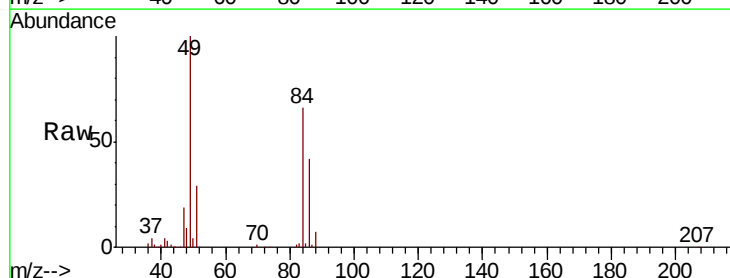
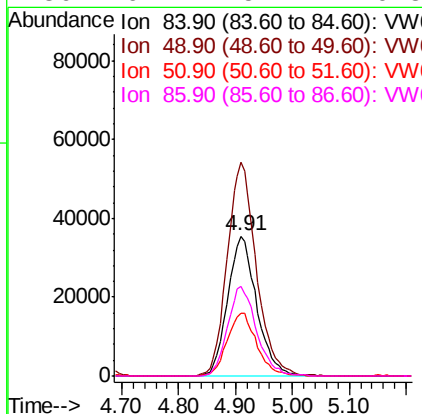
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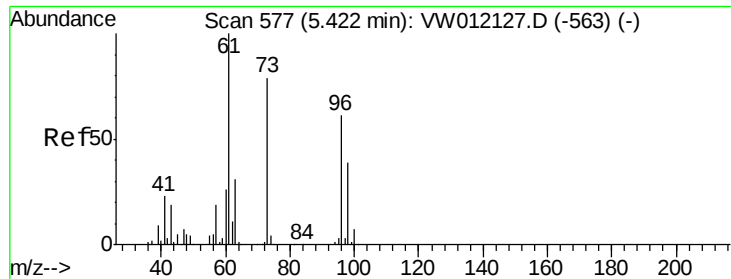
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#20
Methylene Chloride
Concen: 52.822 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion: 84 Resp: 126624
Ion Ratio Lower Upper
84 100
49 152.7 117.8 176.8
51 44.9 35.6 53.4
86 64.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 53.698 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

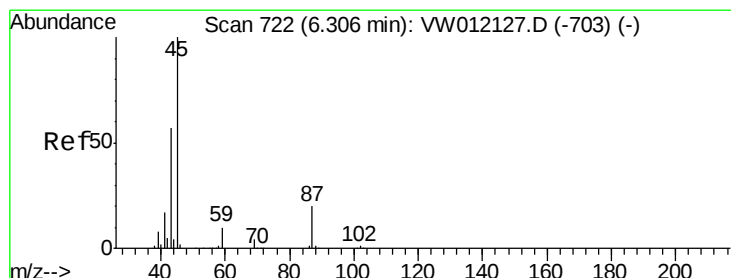
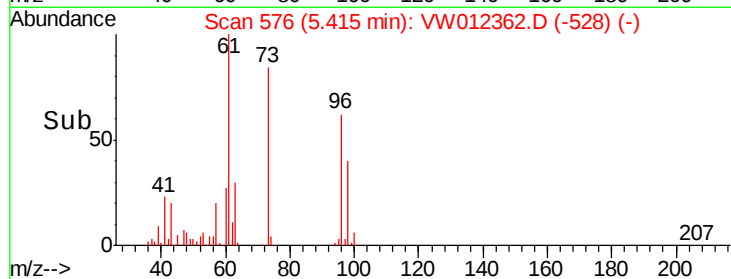
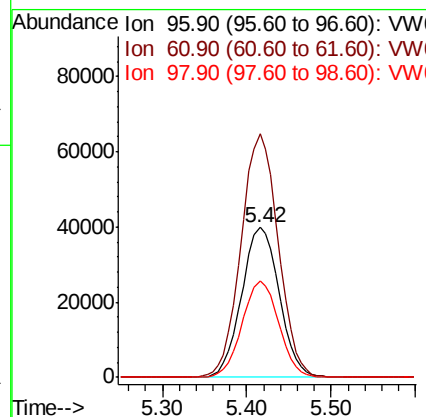
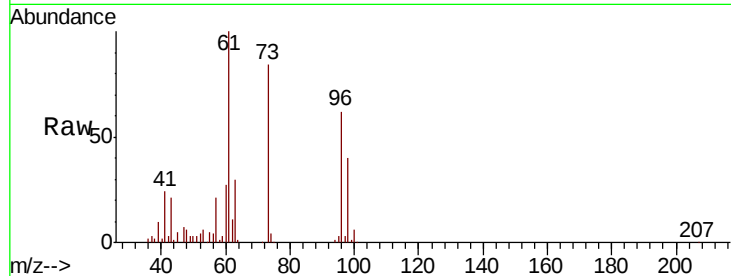
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	120527
Ion	Ratio	Lower	Upper
96	100		
61	162.4	131.4	197.0
98	64.7	51.4	77.0

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#22

Diisopropyl ether

Concen: 55.644 ug/l

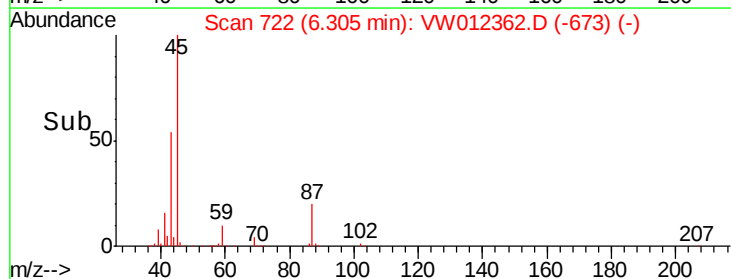
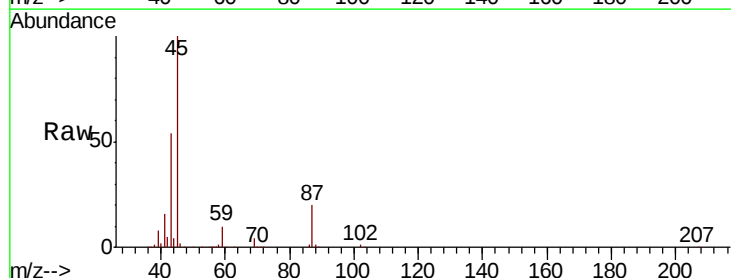
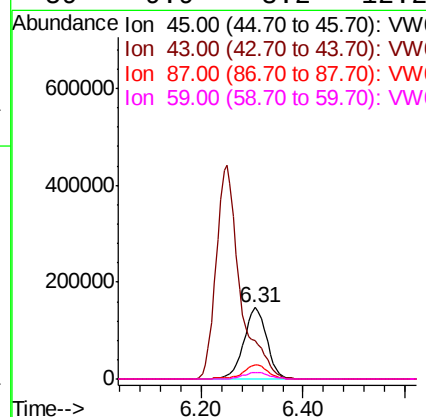
RT: 6.31 min Scan# 722

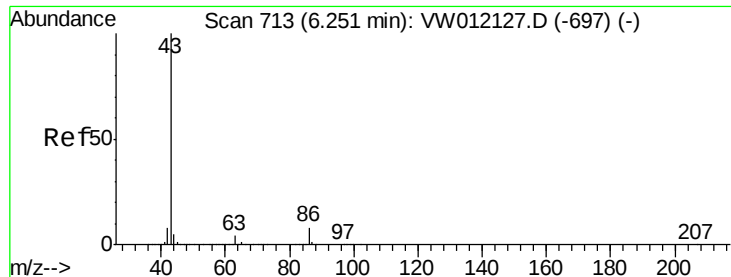
Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Tgt Ion:	45	Resp:	461535
Ion	Ratio	Lower	Upper
45	100		
43	53.4	45.5	68.3
87	20.2	16.1	24.1
59	9.9	8.2	12.2





#23

Vinyl Acetate

Concen: 280.995 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Tot Ion: 43 Resp: 1434336

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7

Instrument :

MSVOA_W

ClientSampleId :

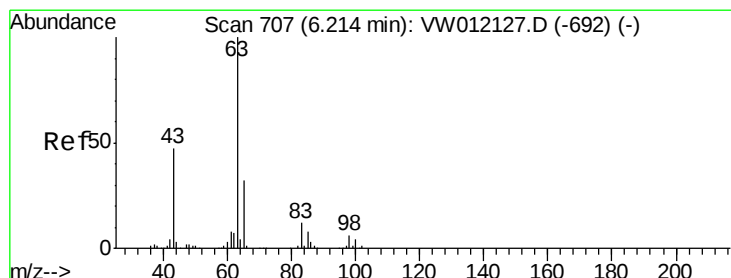
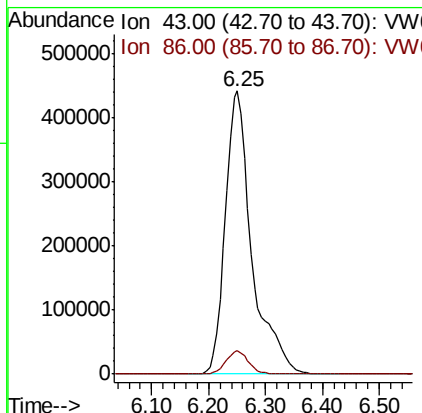
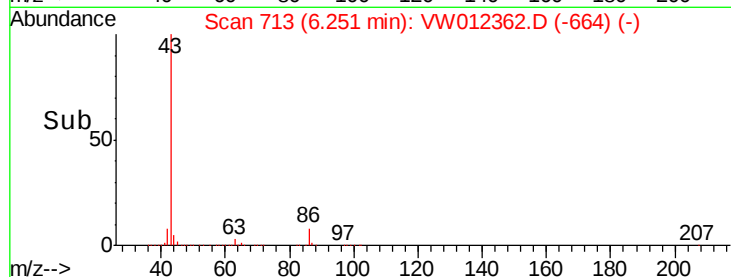
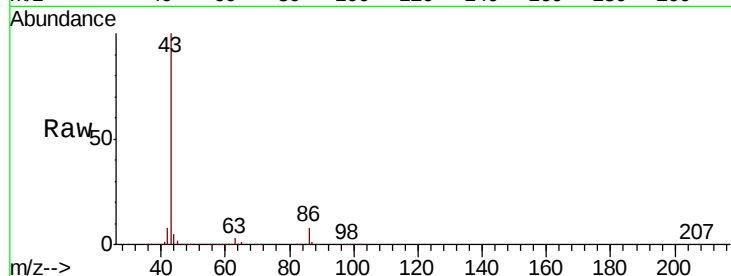
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 54.330 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

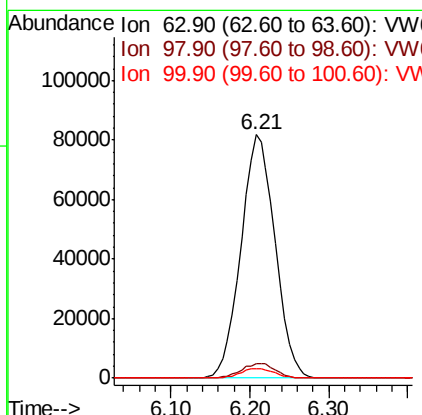
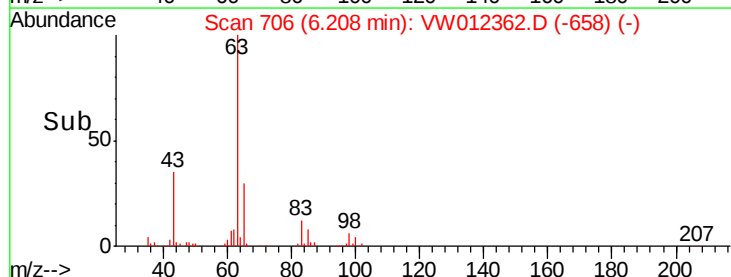
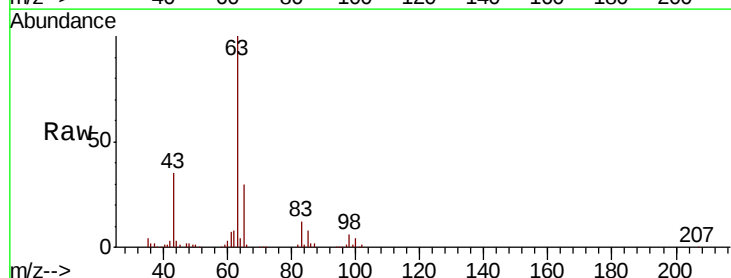
Tgt Ion: 63 Resp: 245362

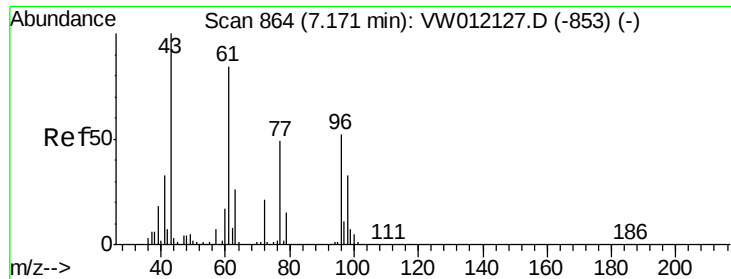
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 282.093 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 243072

Ion Ratio Lower Upper

43 100

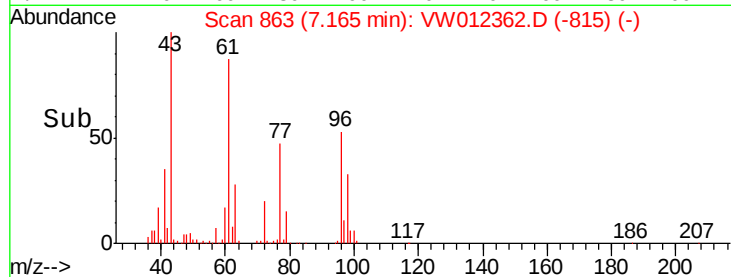
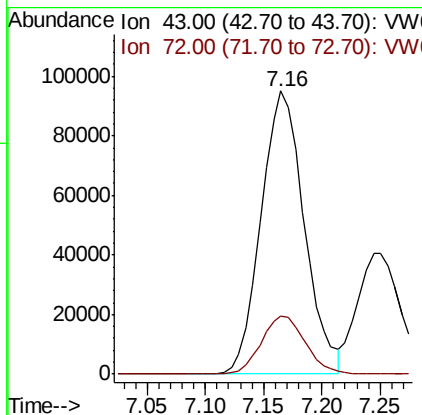
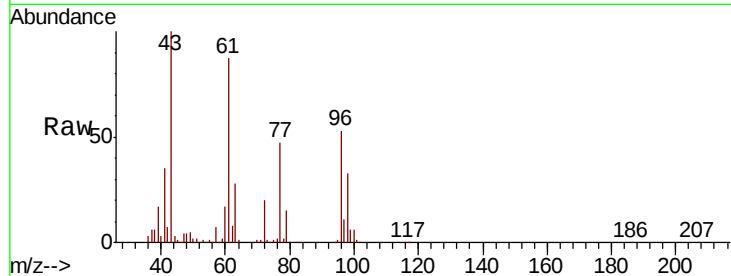
72 20.5 16.6 24.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.097 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012362.D

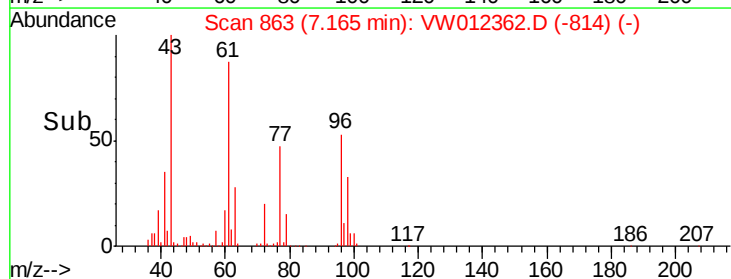
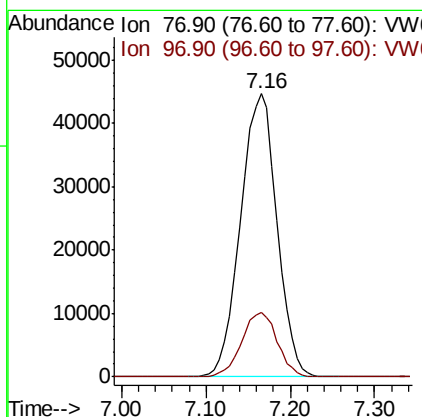
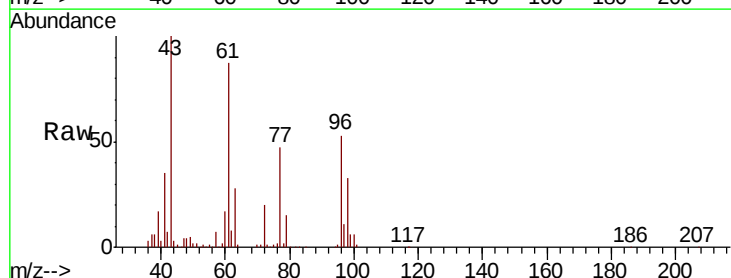
Acq: 30 Aug 2019 20:26

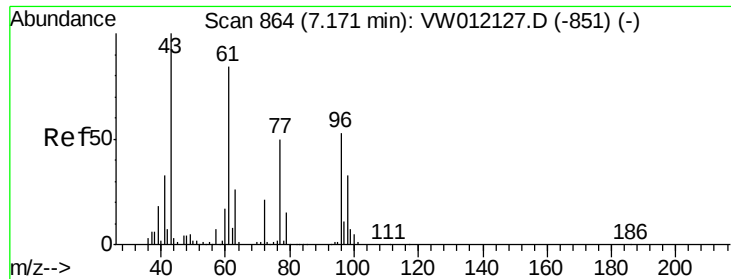
Tgt Ion: 77 Resp: 130615

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.1





#27

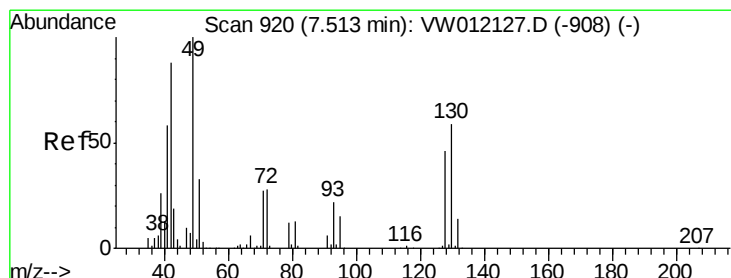
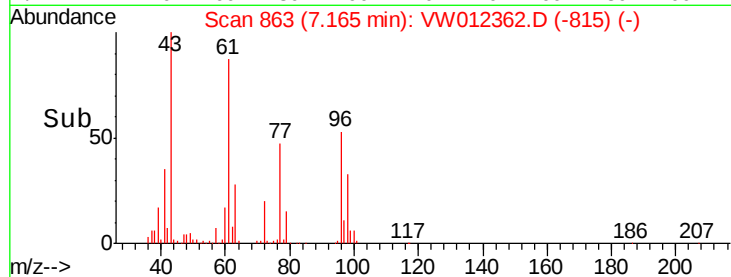
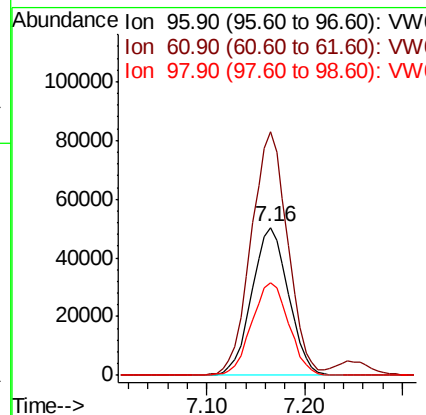
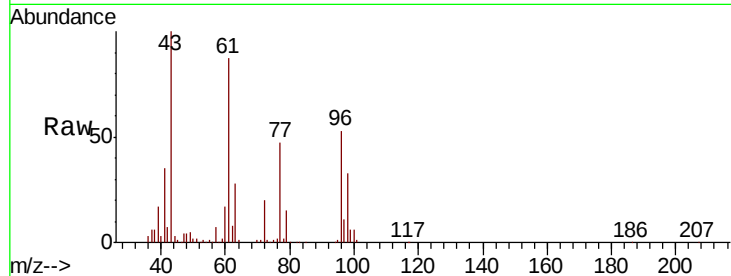
cis-1,2-Dichloroethene
 Concen: 54.516 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	130735		
61	164.7	0.0	326.6	
98	63.9	0.0	127.4	

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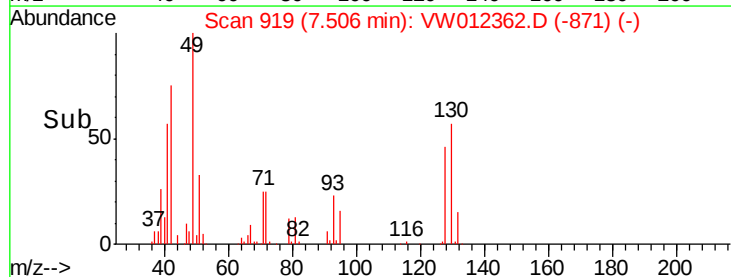
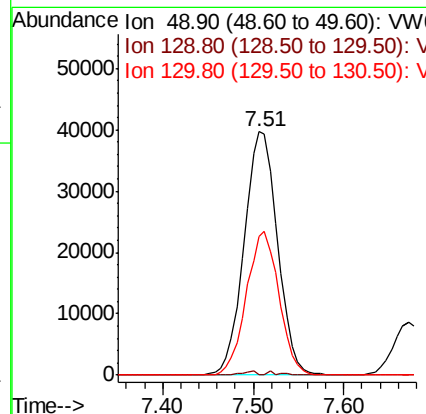
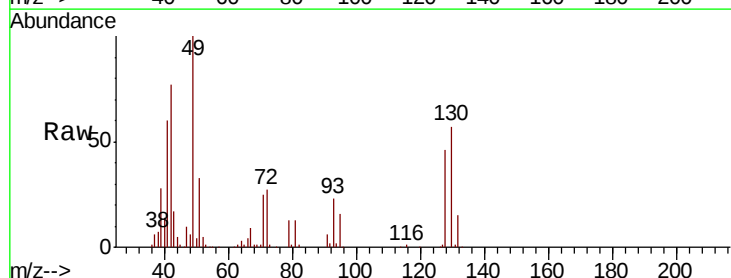
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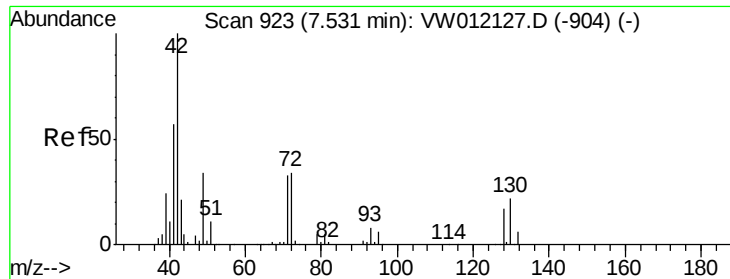


#28

Bromochloromethane
 Concen: 51.324 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	101025		
129	0.5	0.0	1.4	
130	57.7	45.5	68.3	





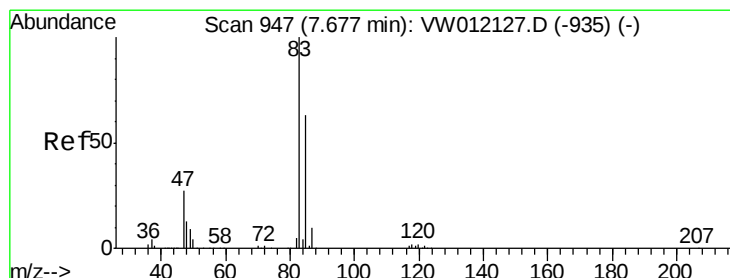
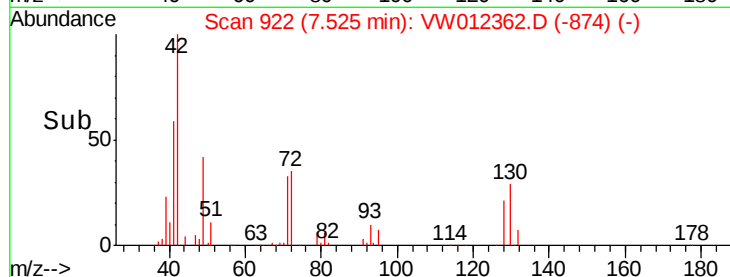
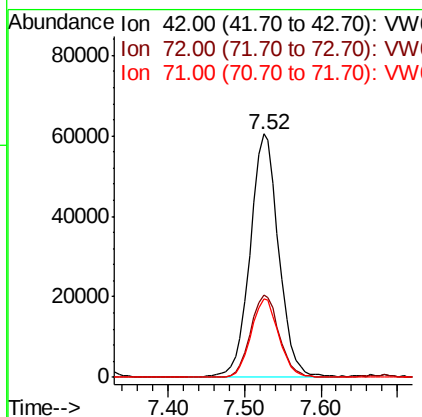
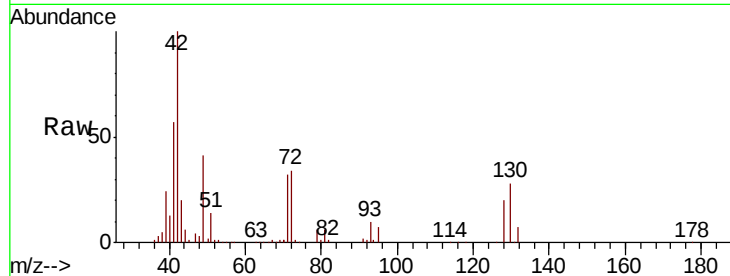
#29
Tetrahydrofuran
Concen: 303.861 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.0	27.3	40.9
71	31.8	25.5	38.3

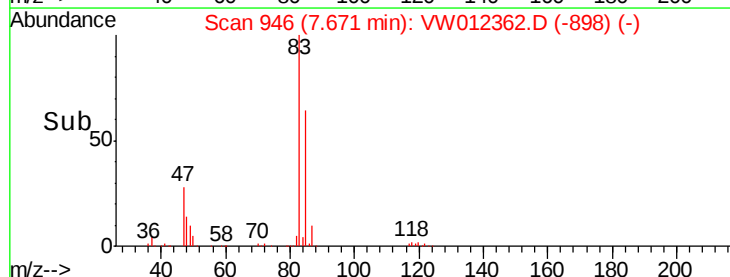
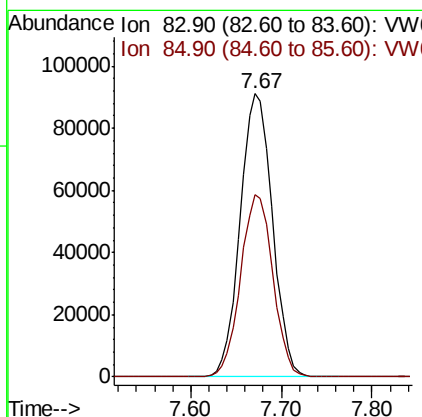
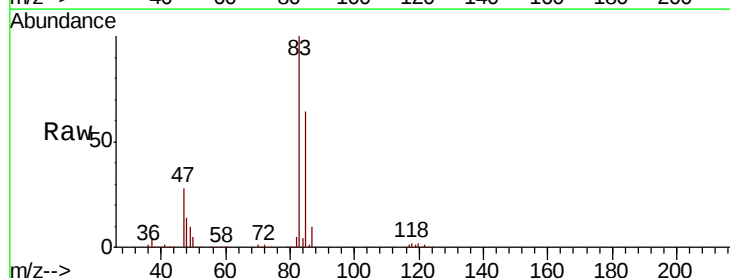
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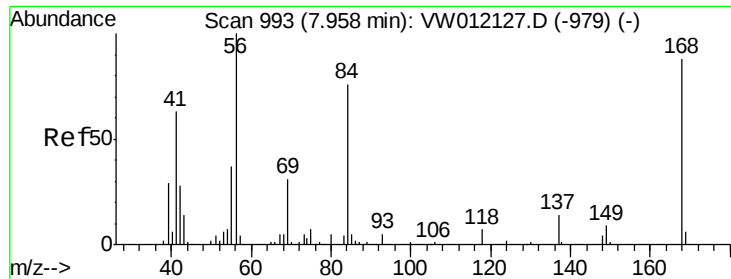
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#30
Chloroform
Concen: 54.384 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.6	76.0





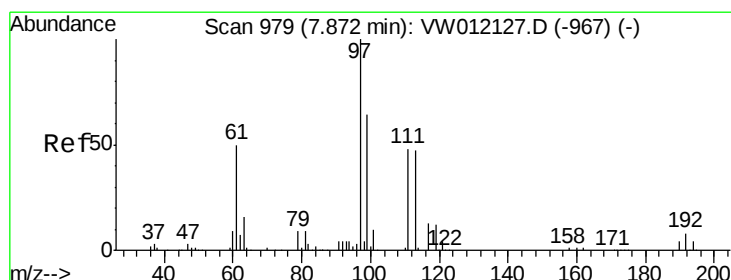
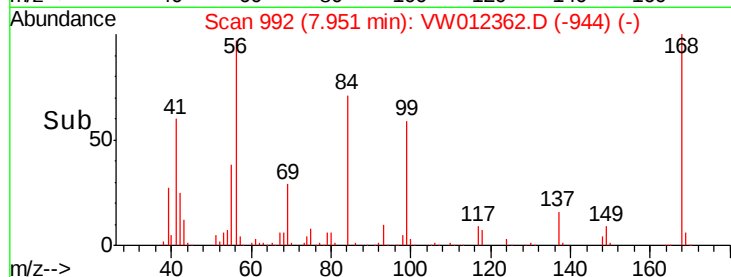
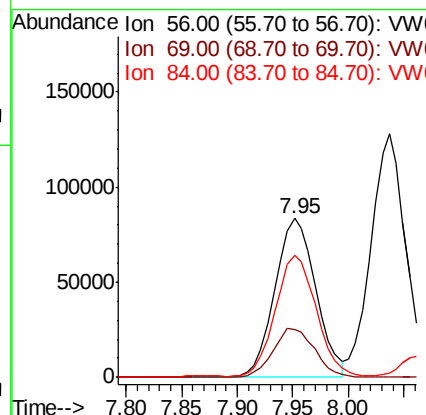
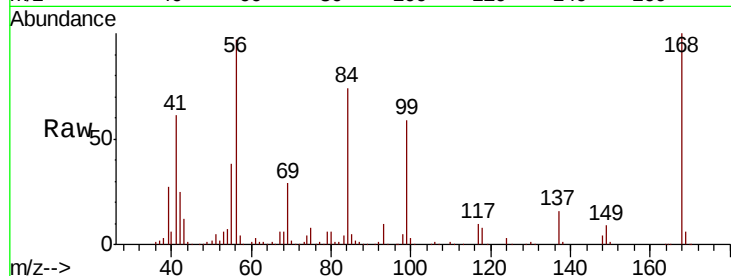
#31
Cyclohexane
Concen: 47.957 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	214277
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.9	37.3
84	75.4	60.6	90.8

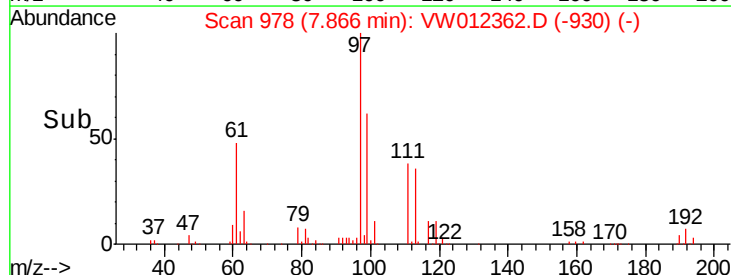
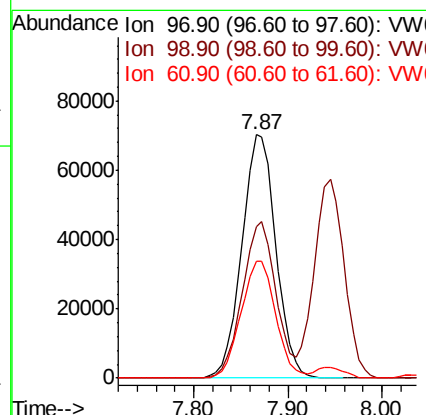
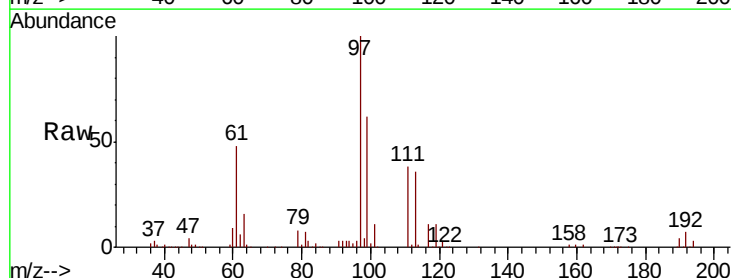
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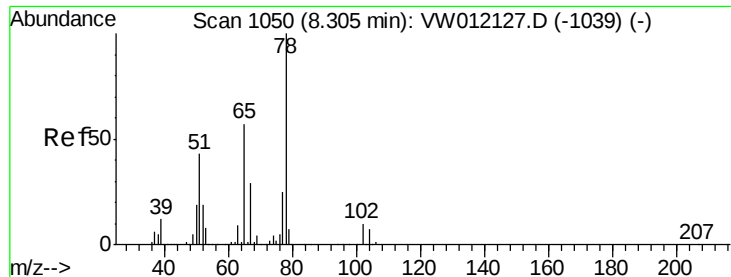
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#32
1,1,1-Trichloroethane
Concen: 54.197 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	97	Resp	177148
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.0
61	49.1	39.5	59.3





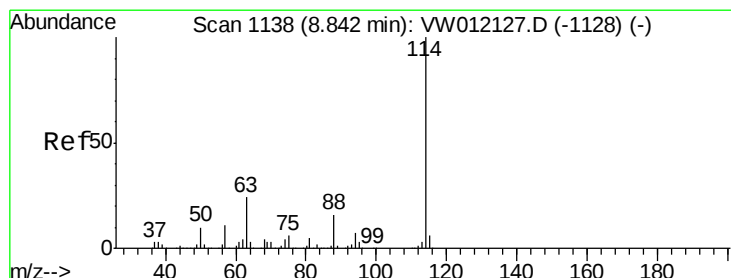
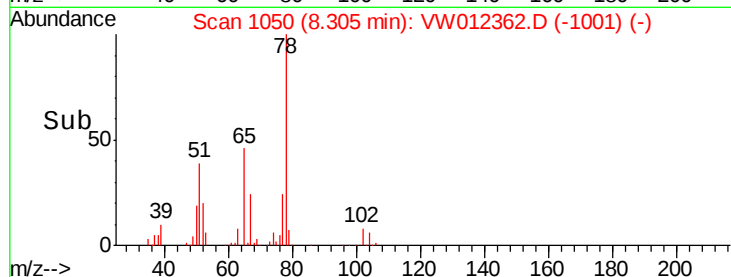
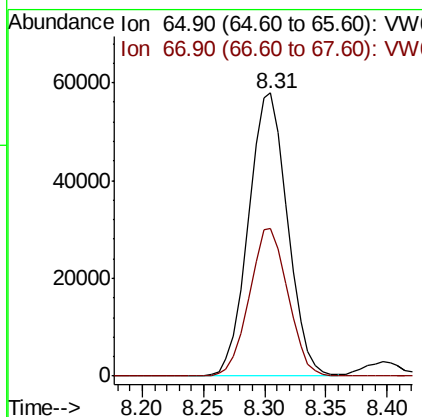
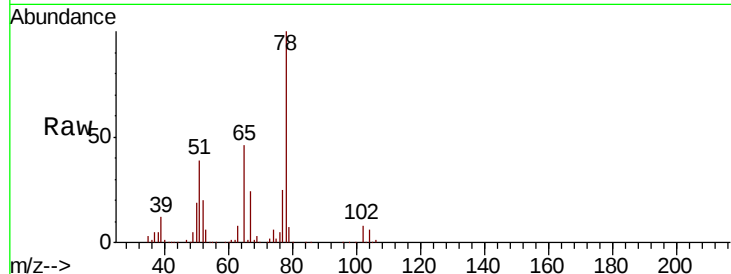
#33
 1,2-Dichloroethane-d4
 Concen: 51.816 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128536		
67	51.7	0.0	102.6	

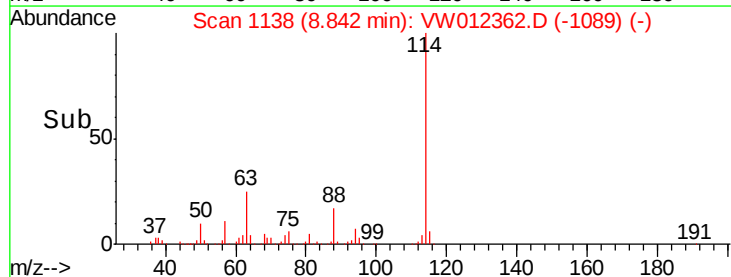
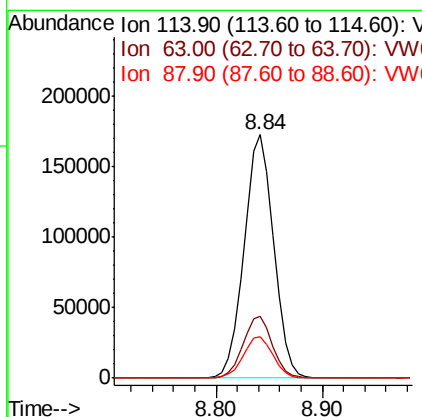
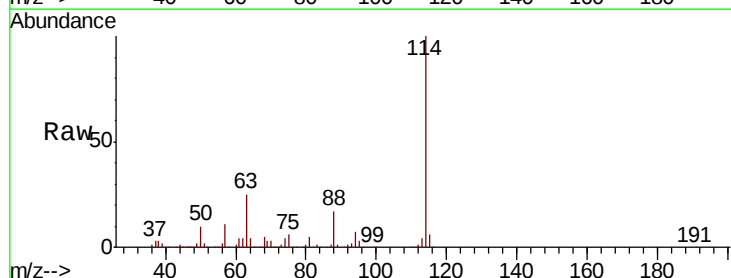
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	336692		
63	25.3	0.0	48.6	
88	16.9	0.0	32.2	





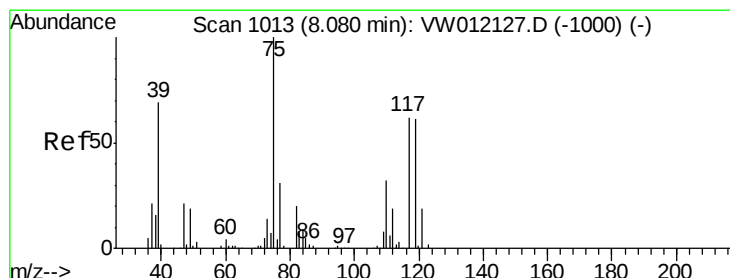
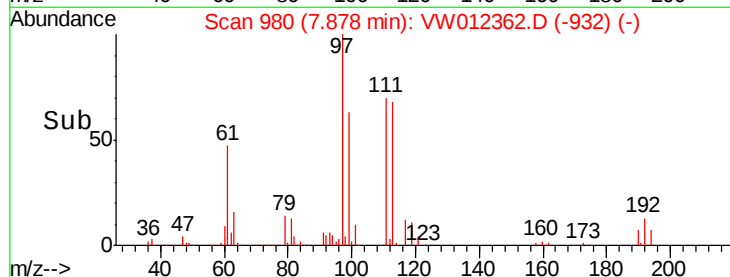
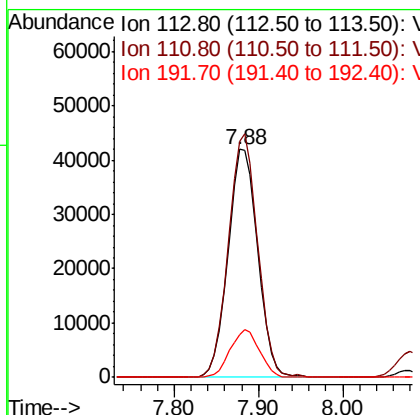
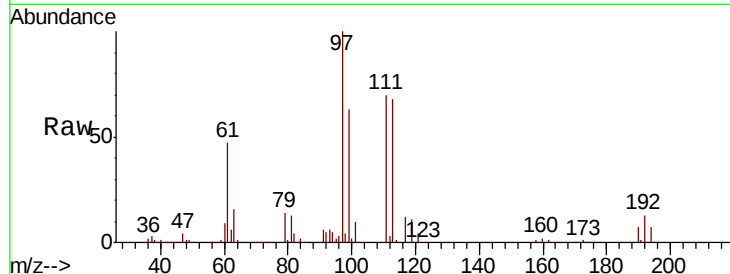
#35
 Dibromofluoromethane
 Concen: 49.943 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	100371		
111	104.3	82.7	124.1	
192	20.6	16.2	24.2	

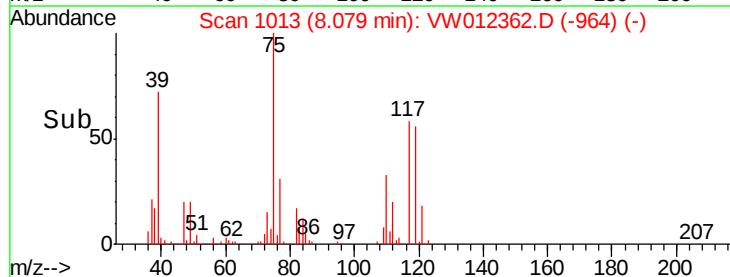
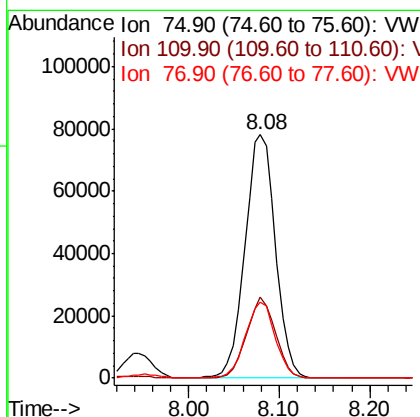
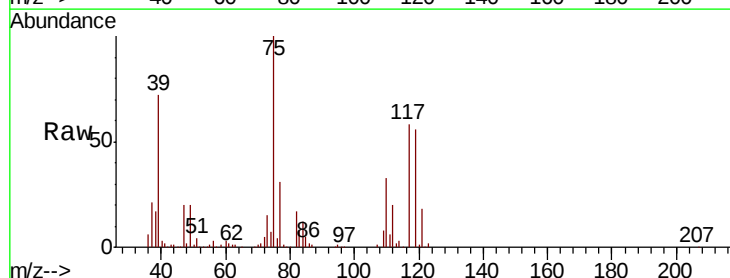
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#36
 1,1-Dichloropropene
 Concen: 52.234 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	181738		
110	31.5	15.6	46.8	
77	30.7	24.6	36.8	





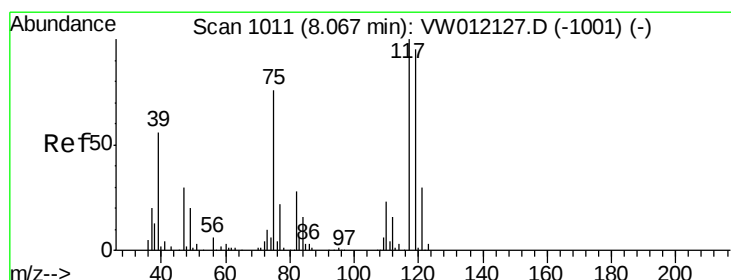
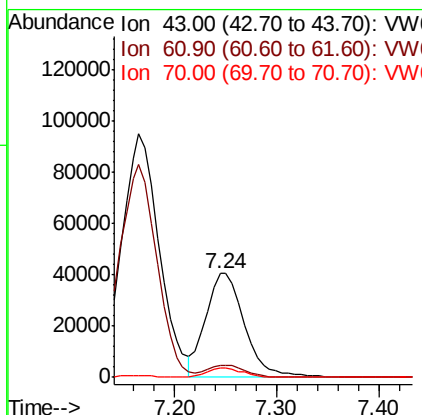
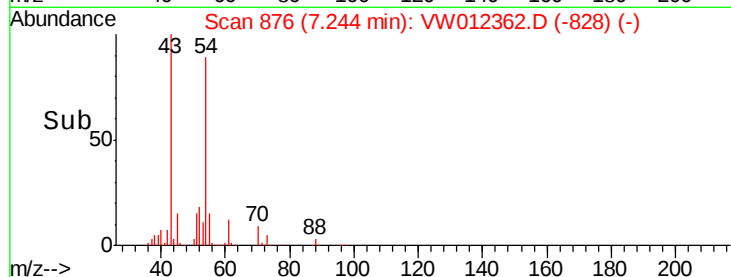
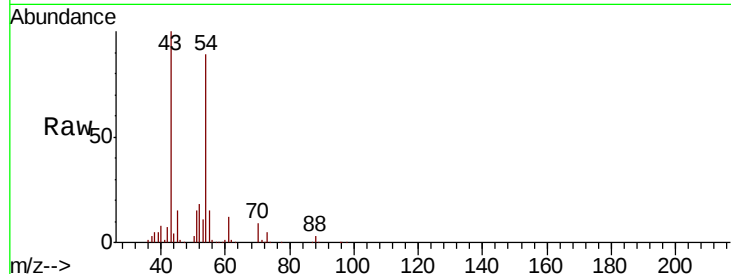
#37
Ethyl Acetate
Concen: 55.681 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	11.2	9.2	13.8	
70	8.7	6.9	10.3	

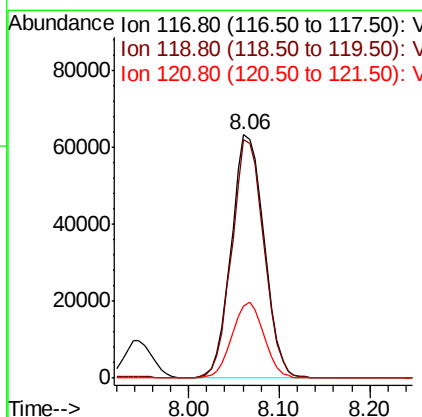
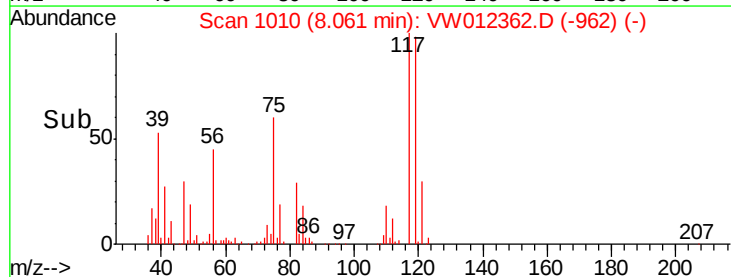
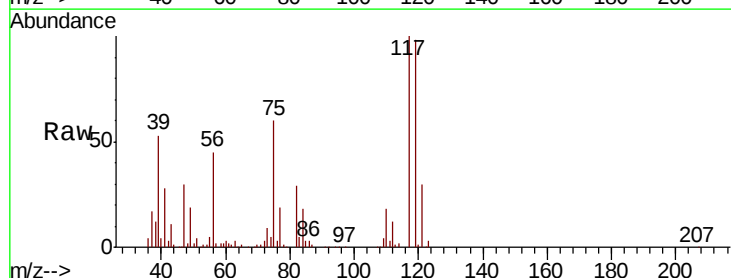
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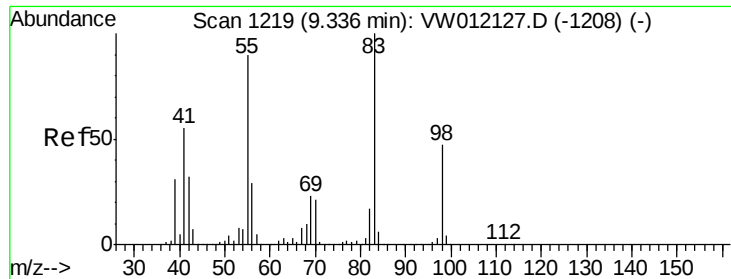
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#38
Carbon Tetrachloride
Concen: 52.816 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	76.2	114.2	
121	29.7	23.8	35.8	





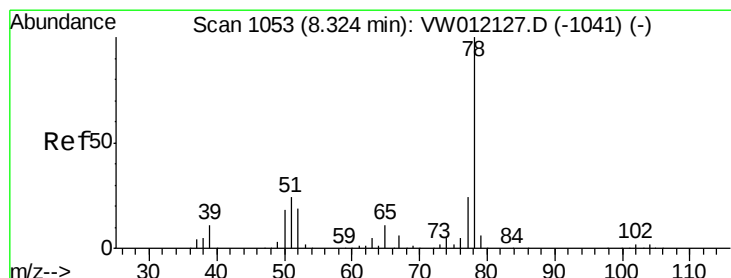
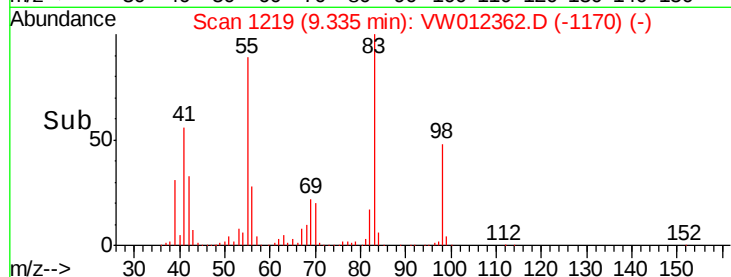
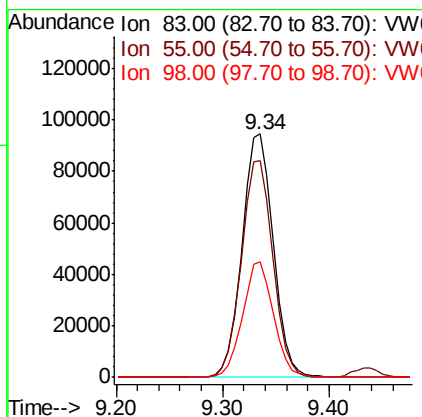
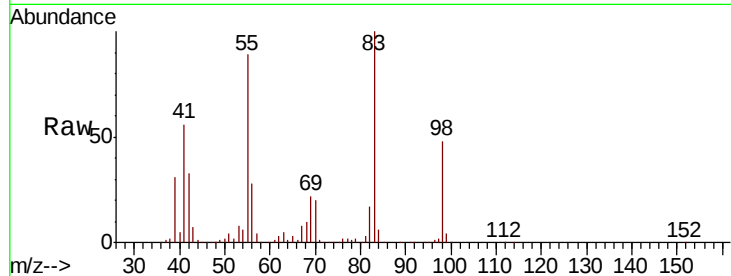
#39
Methvlcvclohexane
Concen: 49.853 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.9	71.8	107.8
98	47.6	37.8	56.8

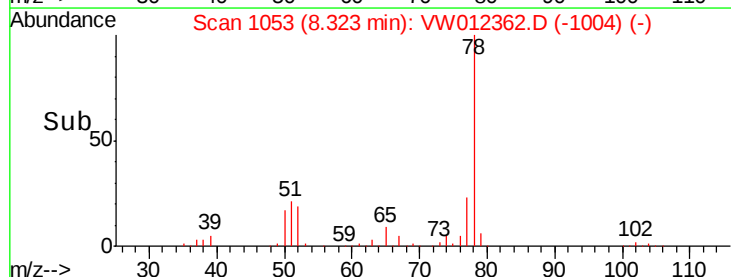
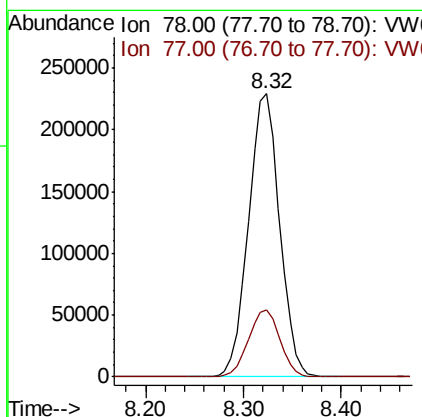
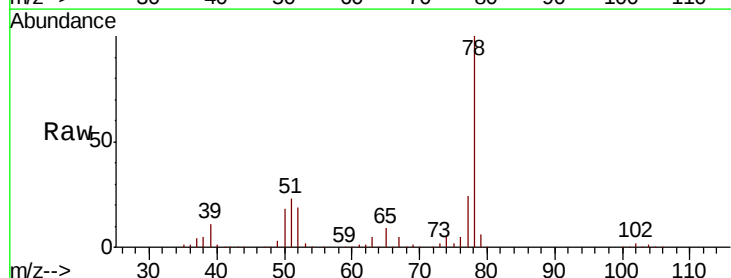
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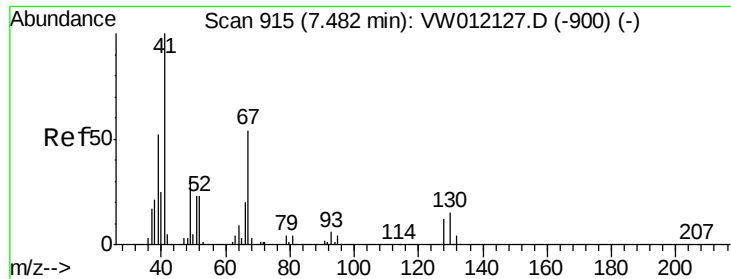
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#40
Benzene
Concen: 53.254 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





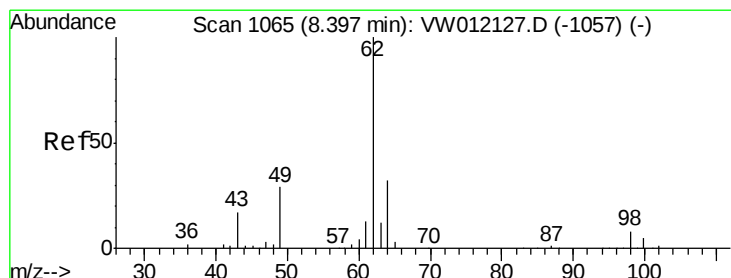
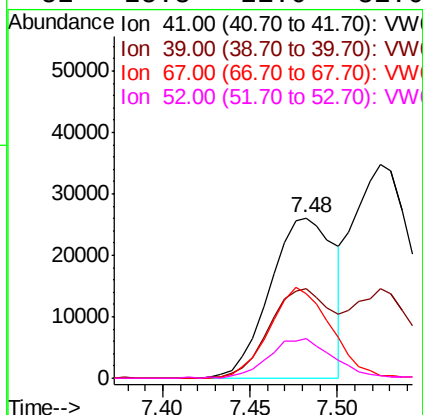
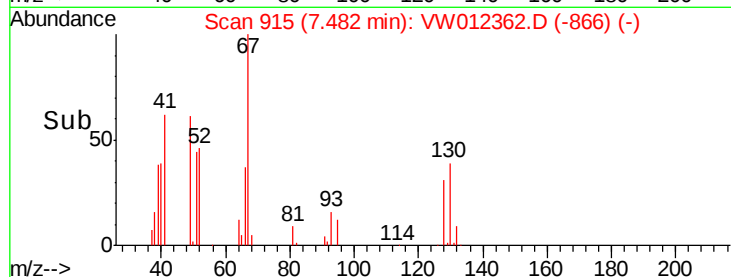
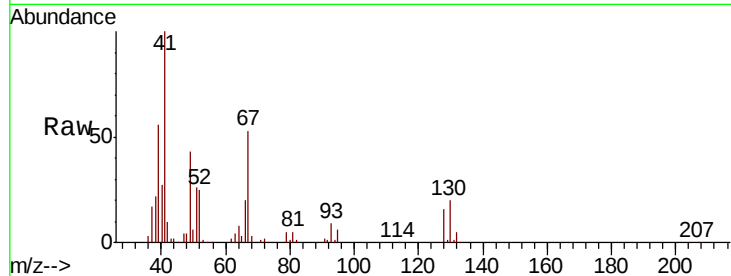
#41
Methacrylonitrile
Concen: 59.943 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	67171
Ion	Ratio	Lower	Upper
41	100		
39	54.3	45.8	68.8
67	54.8	46.2	69.4
52	25.3	21.0	31.6

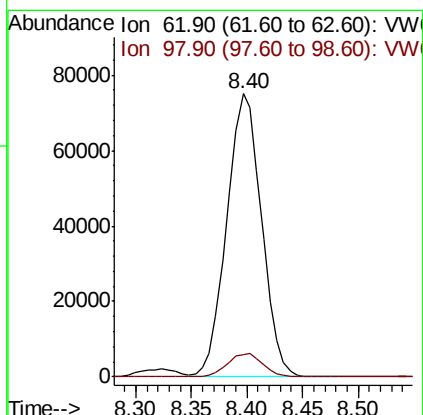
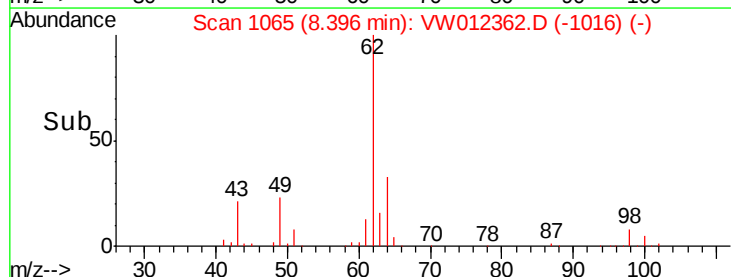
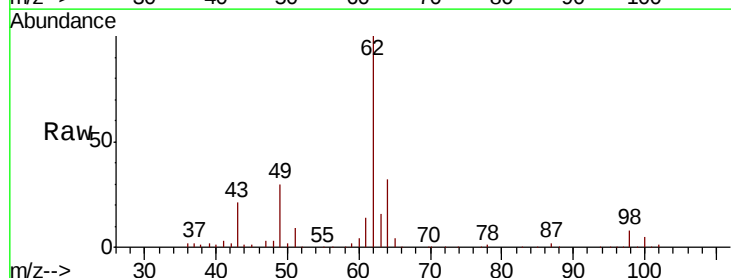
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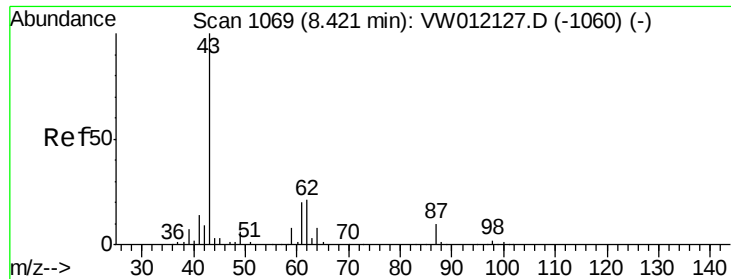
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#42
1,2-Dichloroethane
Concen: 54.517 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	62	Resp	162328
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 56.733 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

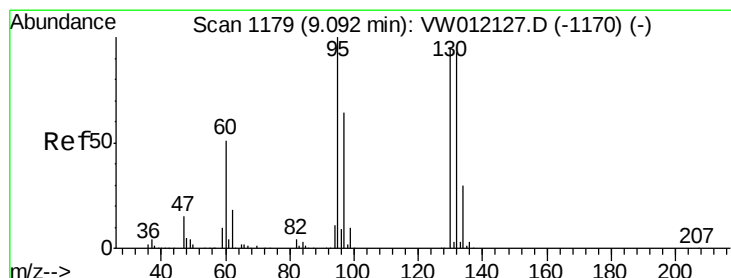
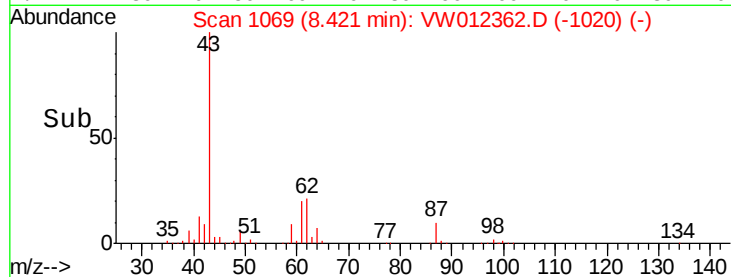
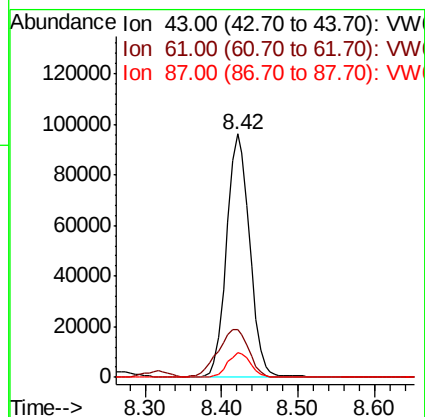
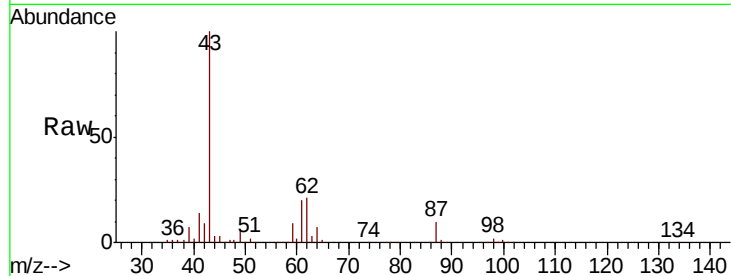
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	200362
Ion	Ratio	Lower	Upper
43	100		
61	26.3	21.1	31.7
87	10.2	8.2	12.2

Manual Integrations
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#44

Trichloroethene

Concen: 53.054 ug/l

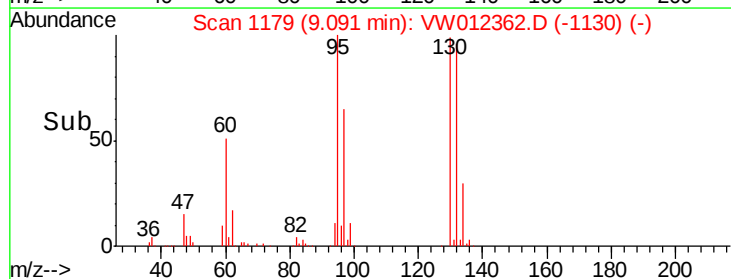
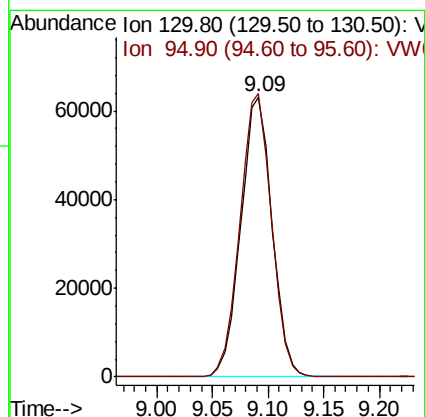
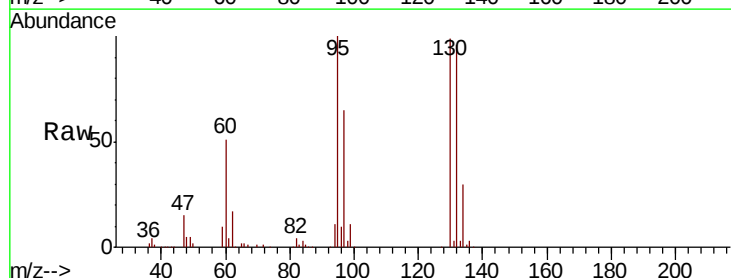
RT: 9.09 min Scan# 1179

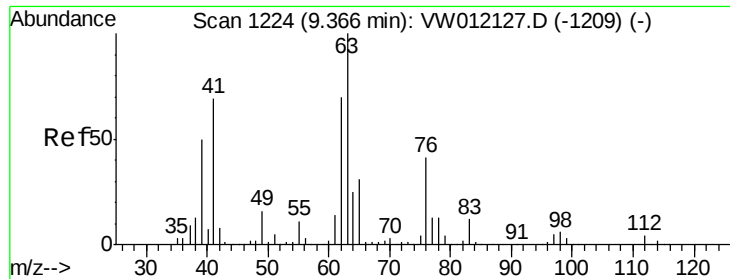
Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Tgt Ion:	130	Resp:	122530
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	210.6





#45

1,2-Dichloropropane

Concen: 53.685 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 137266

Ion Ratio Lower Upper

63 100

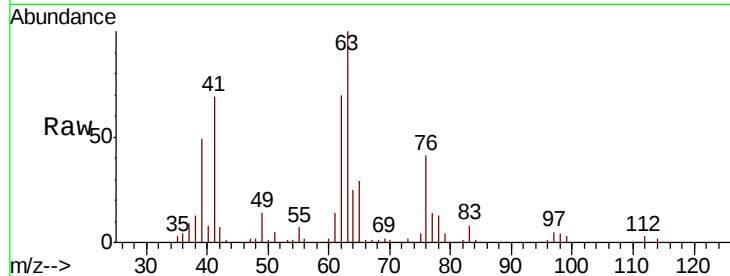
65 29.3 25.0 37.4

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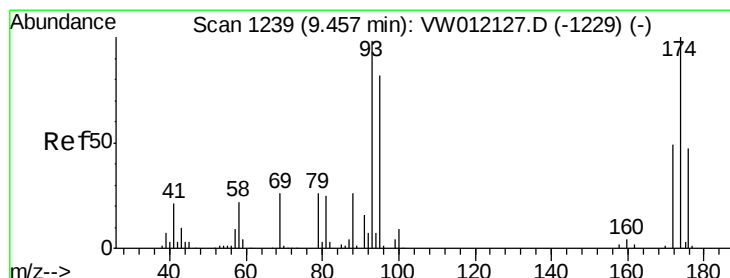
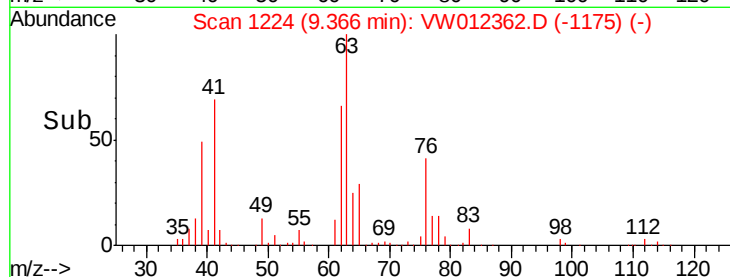
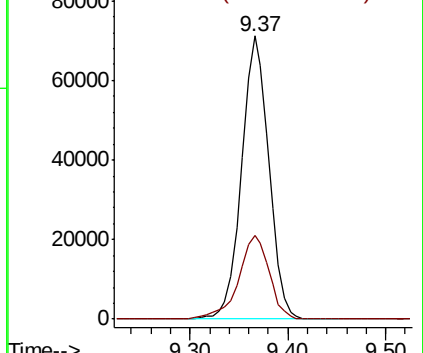
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 54.842 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

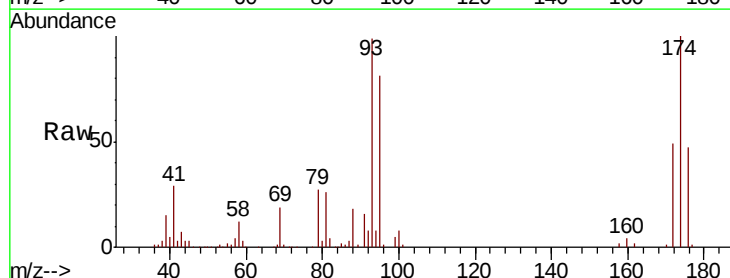
Tgt Ion: 93 Resp: 62390

Ion Ratio Lower Upper

93 100

95 83.0 67.2 100.8

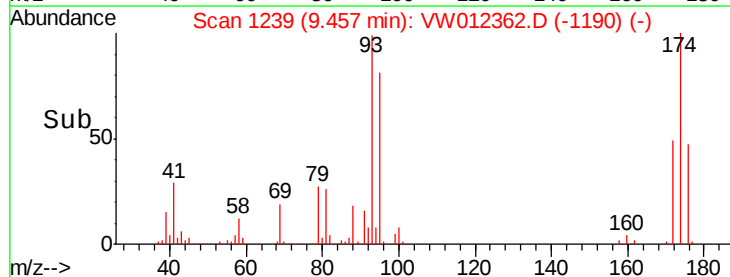
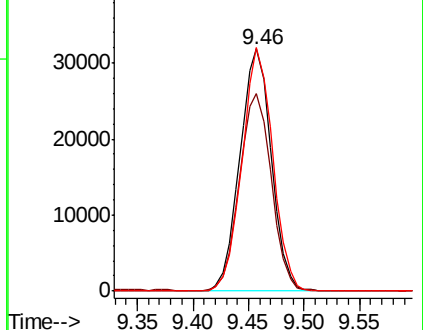
174 98.5 79.0 118.6



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





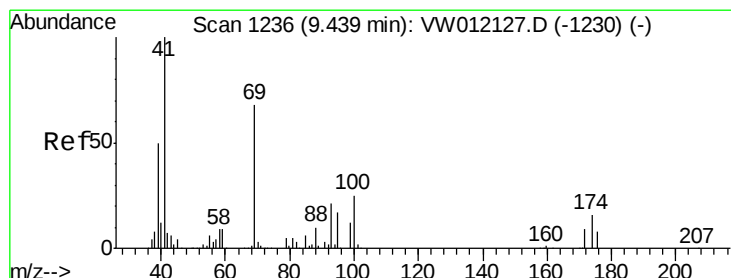
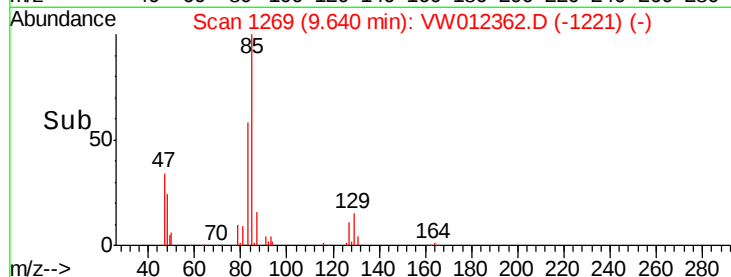
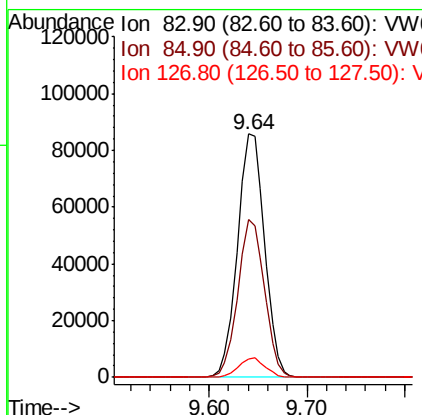
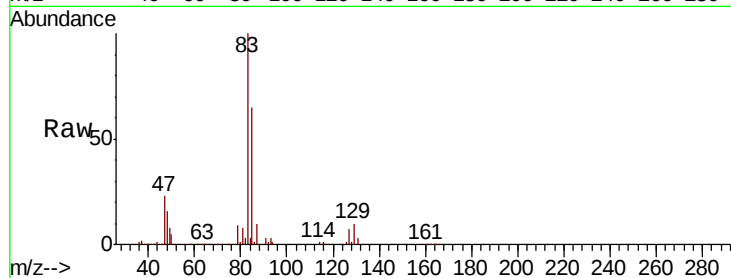
#47
Bromodichloromethane
Concen: 54.546 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	165150		
85	65.0		49.4	74.2
127	7.3		6.1	9.1

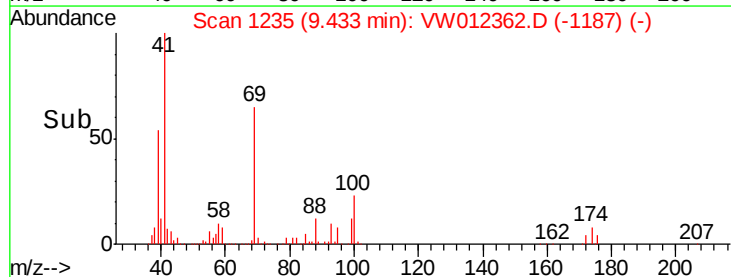
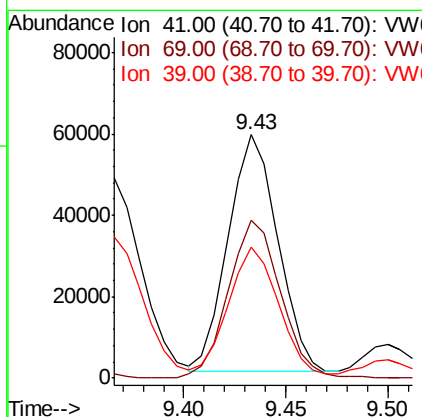
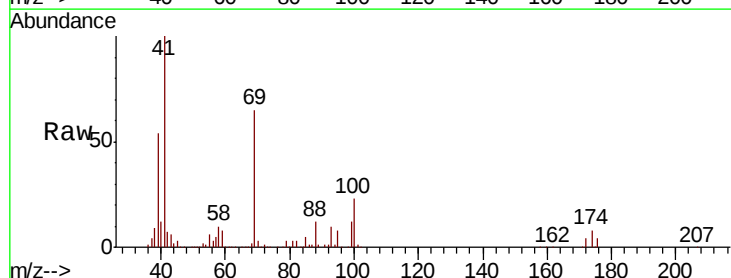
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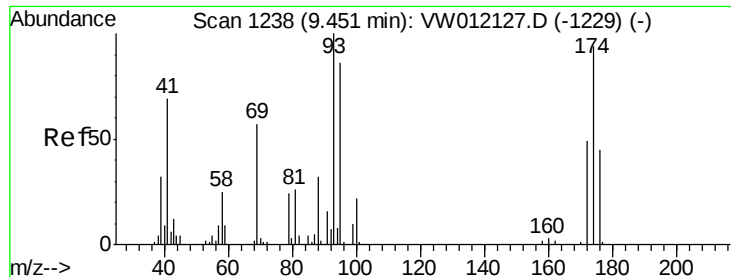
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#48
Methyl methacrylate
Concen: 58.079 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	97624		
69	70.9		56.7	85.1
39	57.2		42.0	63.0





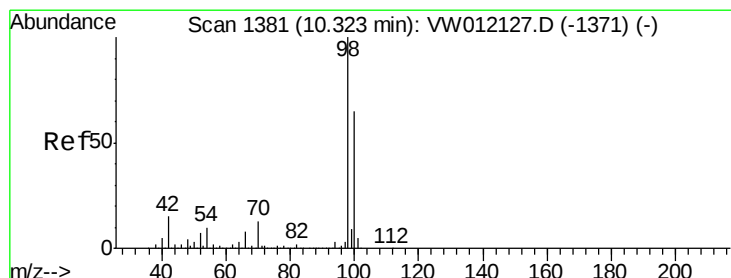
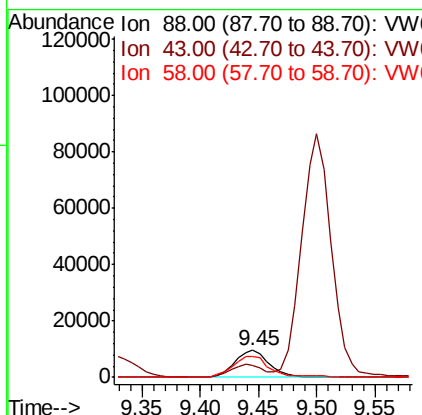
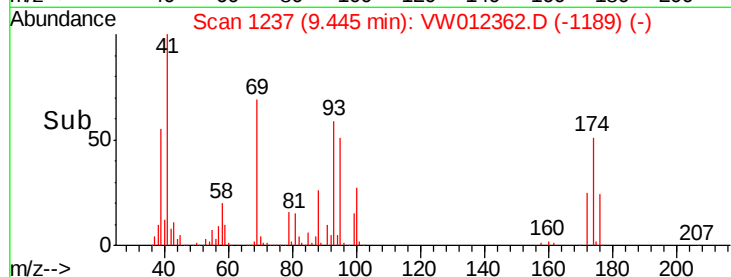
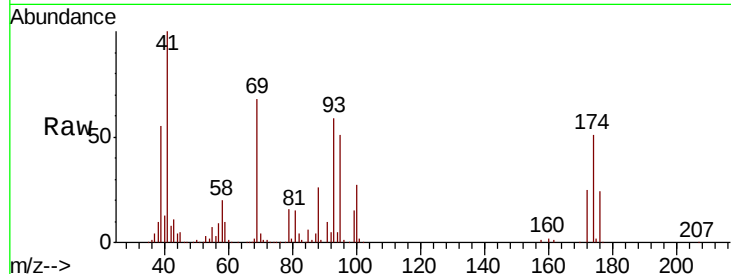
#49
1,4-Dioxane
Concen: 1146.657 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	19970
Ion Ratio	Lower	Upper	
88	100		
43	43.9	32.9	49.3
58	81.2	71.0	106.4

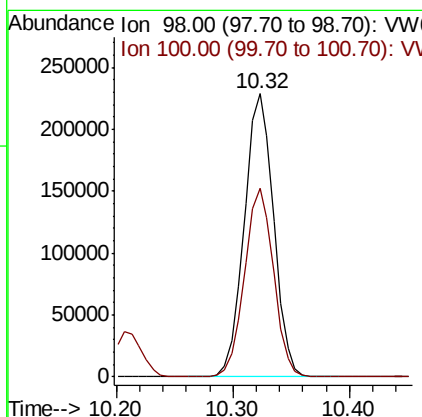
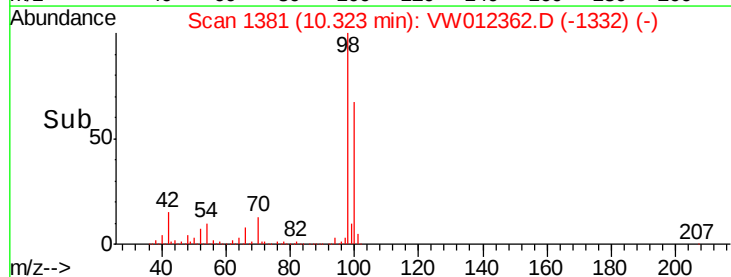
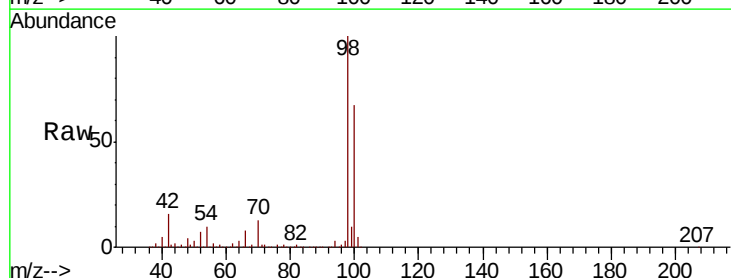
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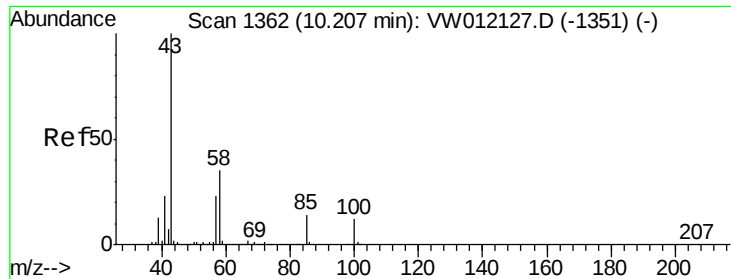
MMDadoda
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#50
Toluene-d8
Concen: 49.409 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	98	Resp	402628
Ion Ratio	Lower	Upper	
98	100		
100	65.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 295.553 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 530904

Ion Ratio Lower Upper

43 100

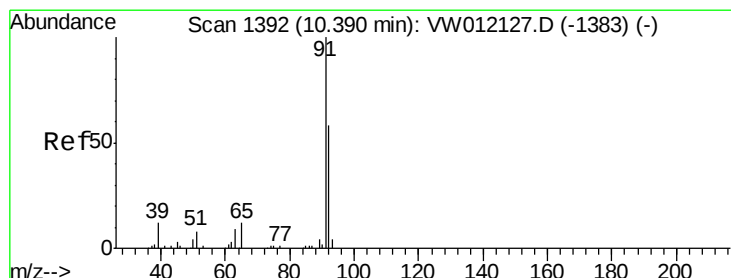
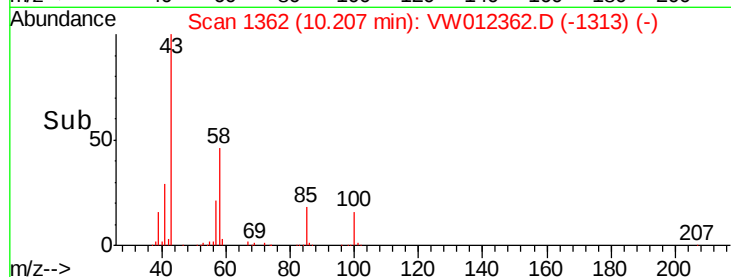
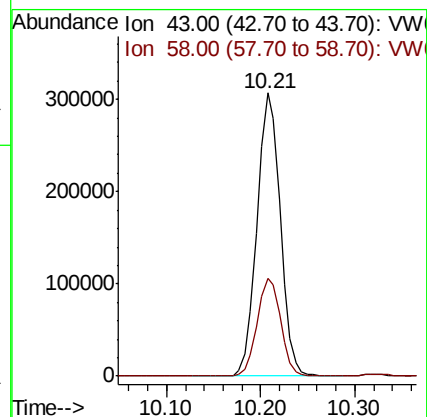
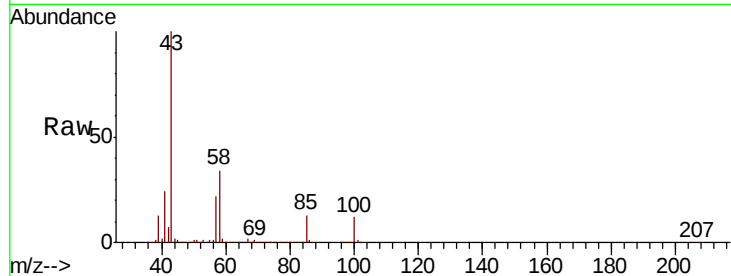
58 34.9 28.2 42.2

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#52

Toluene

Concen: 53.579 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012362.D

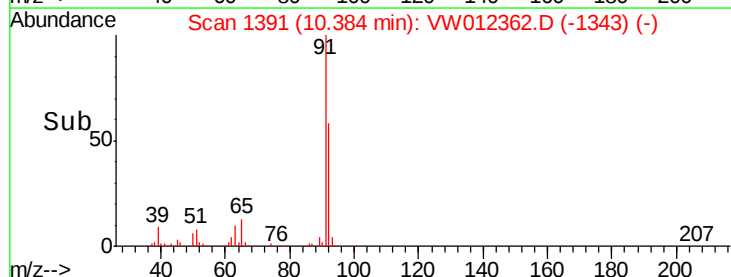
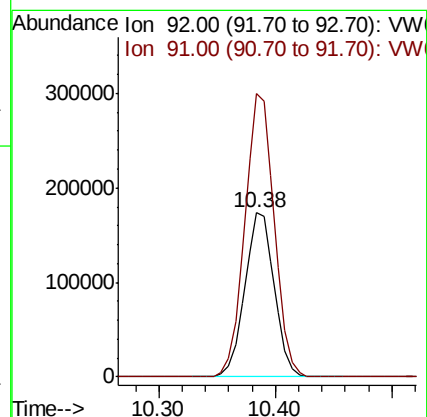
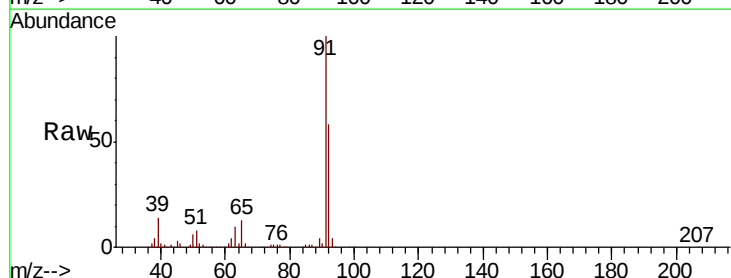
Acq: 30 Aug 2019 20:26

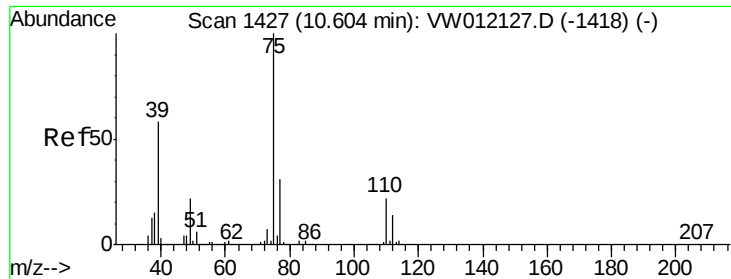
Tgt Ion: 92 Resp: 305797

Ion Ratio Lower Upper

92 100

91 172.4 136.6 204.8





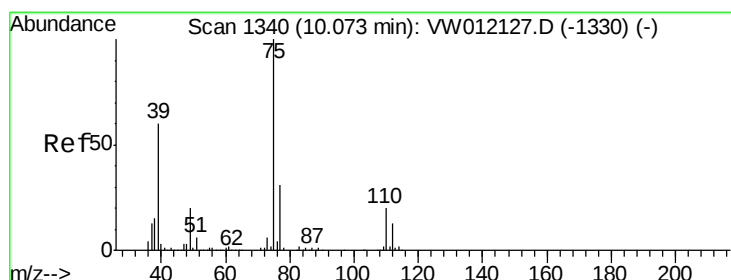
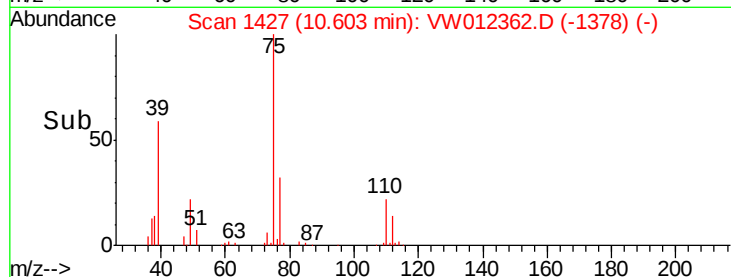
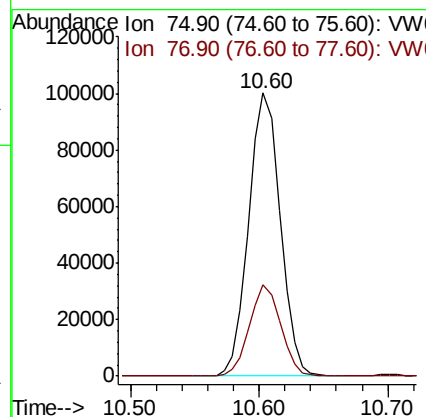
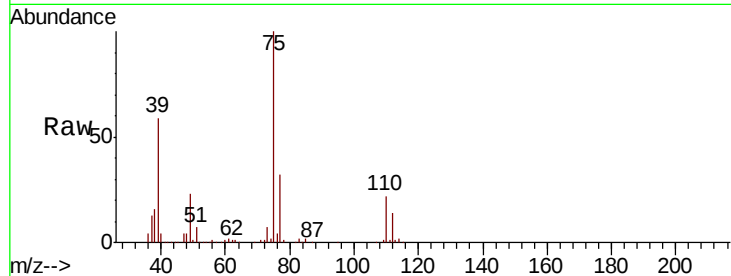
#53
 t-1,3-Dichloropropene
 Concen: 54.917 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 169370
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4

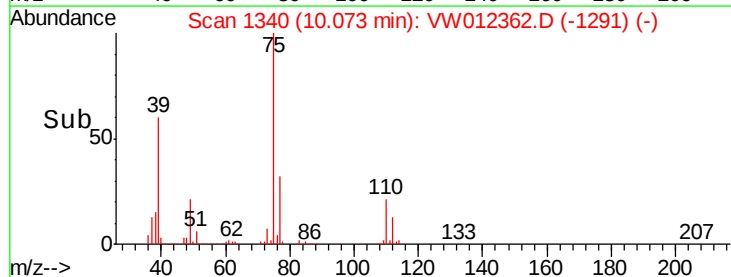
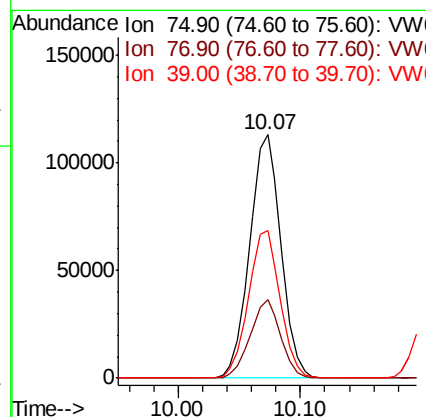
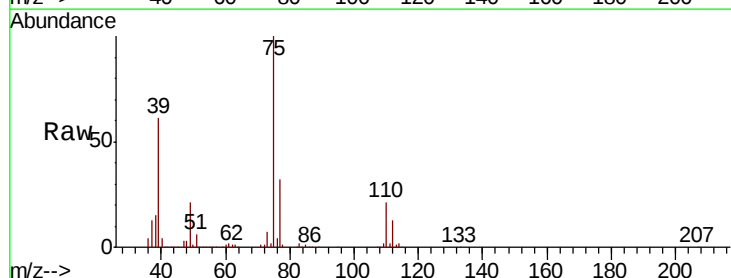
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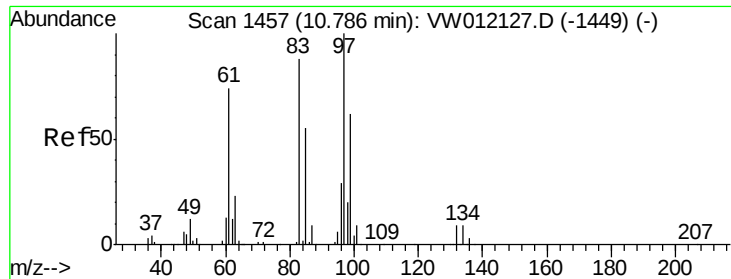
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#54
 cis-1,3-Dichloropropene
 Concen: 54.019 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Tgt Ion: 75 Resp: 201161
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.1 37.7
 39 60.5 48.3 72.5





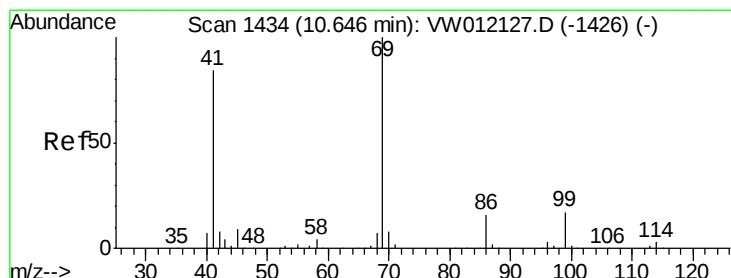
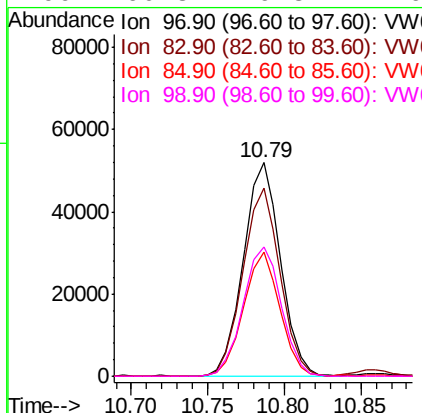
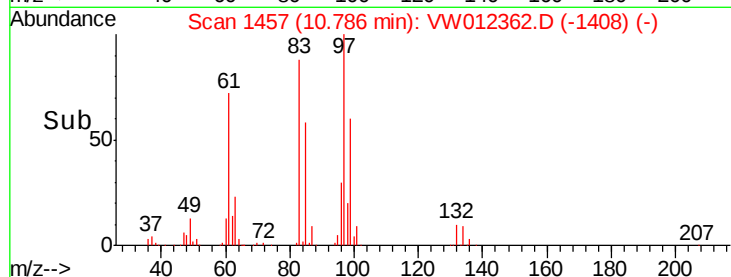
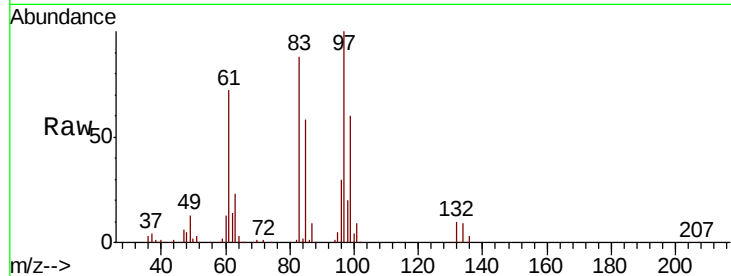
#55
 1,1,2-Trichloroethane
 Concen: 54.649 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	87963
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.8	106.2
85	57.9	43.8	65.8
99	60.3	49.8	74.6

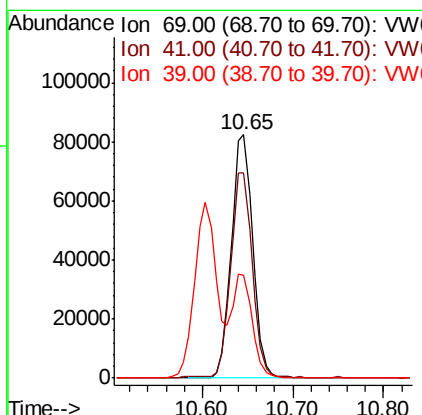
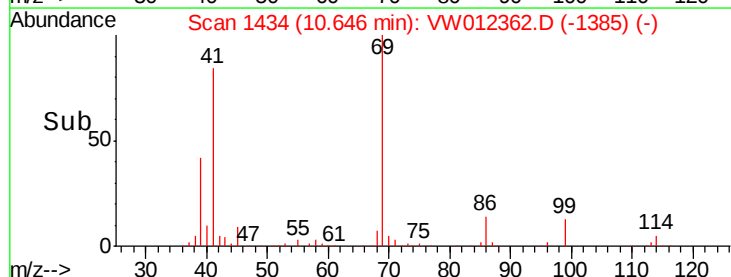
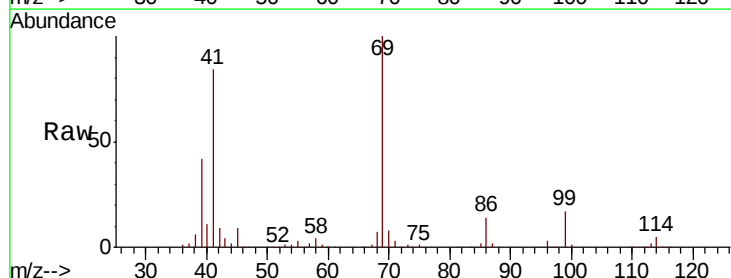
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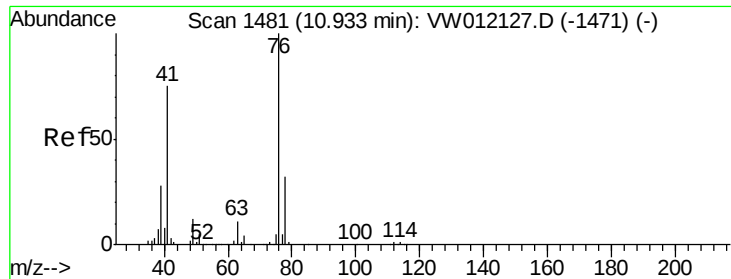
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#56
 Ethyl methacrylate
 Concen: 57.700 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Tgt Ion:	69	Resp:	135170
Ion	Ratio	Lower	Upper
69	100		
41	84.5	66.5	99.7
39	37.9	31.0	46.4





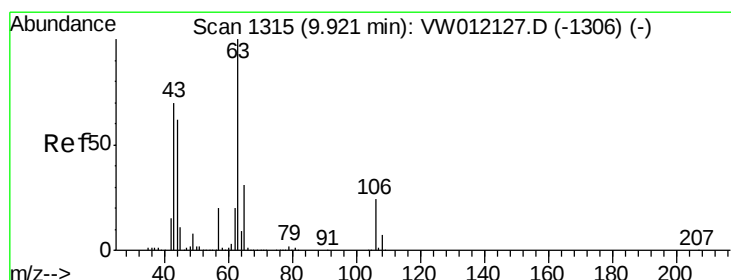
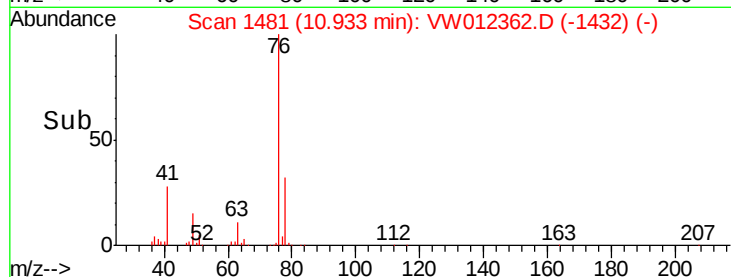
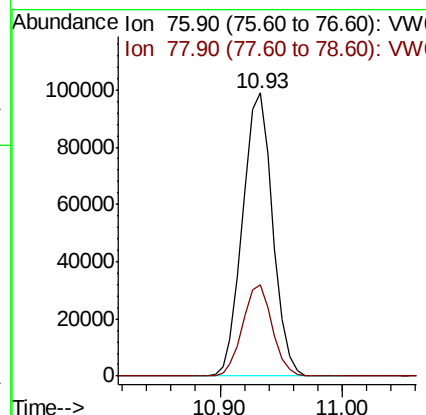
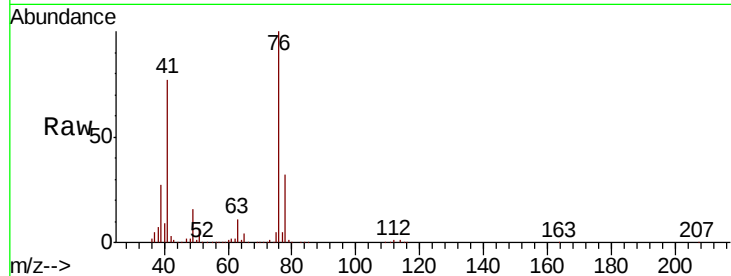
#57
 1,3-Dichloropropane
 Concen: 55.351 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8

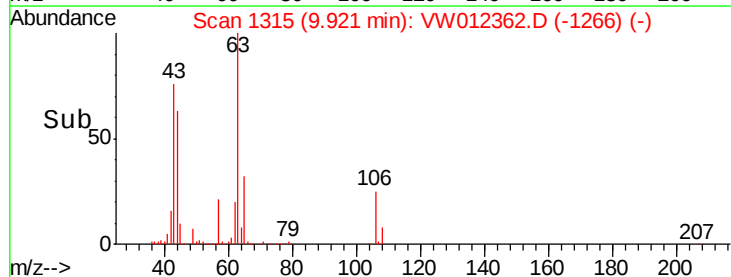
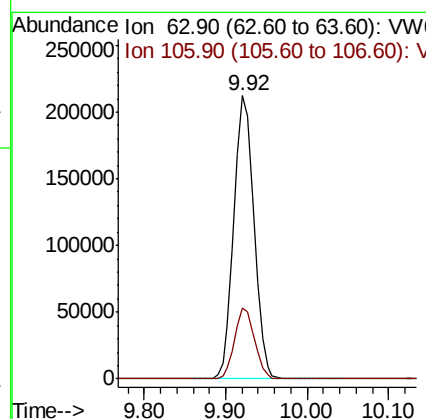
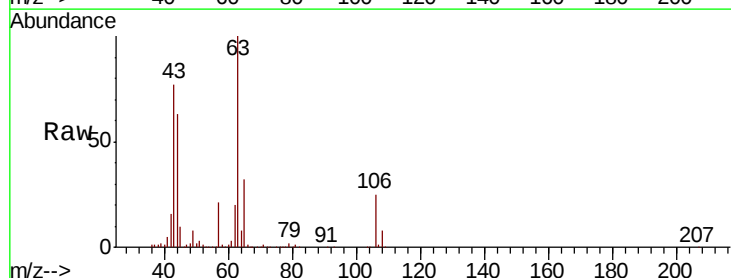
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#58
 2-Chloroethyl Vinyl ether
 Concen: 299.182 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.6	19.8	29.8





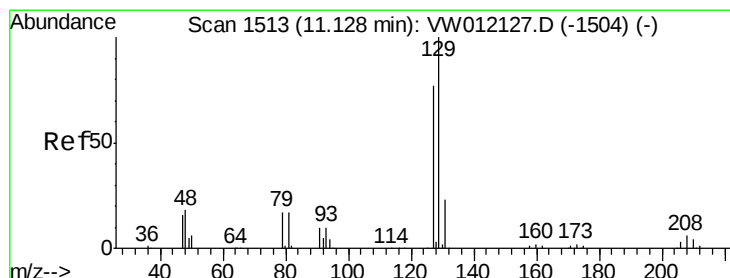
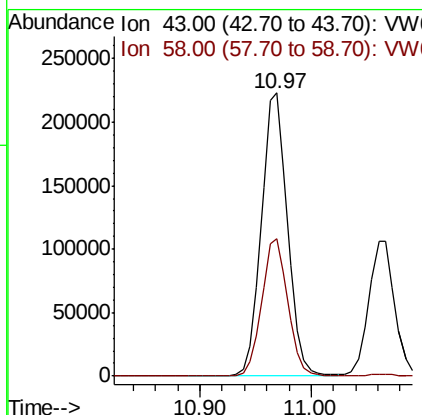
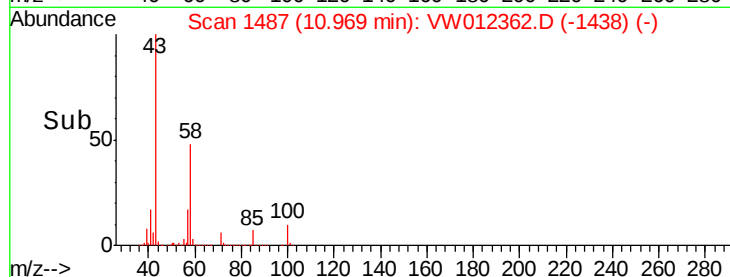
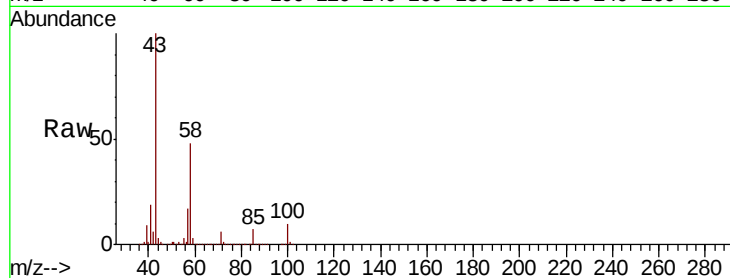
#59
2-Hexanone
Concen: 287.779 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.5	24.3	72.9

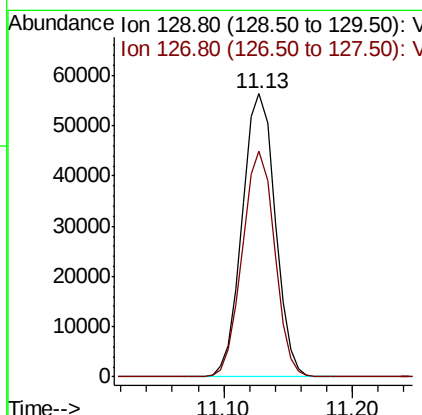
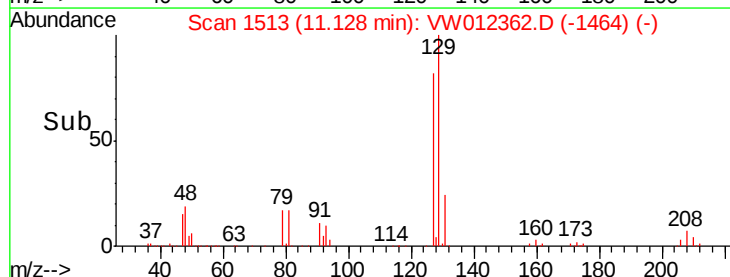
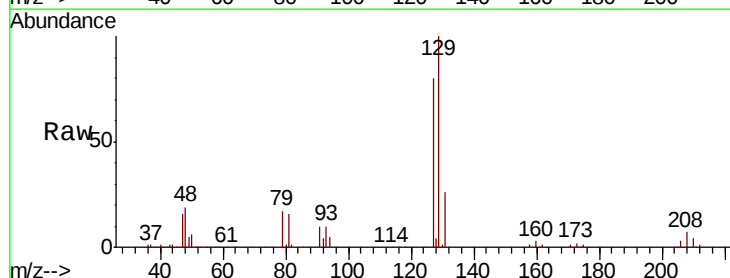
Manual Integrations
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MMDadoda
8/31/2019 9:11:37 AM



#60
Dibromochloromethane
Concen: 55.756 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.6	115.8





#61

1,2-Dibromoethane

Concen: 55.562 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 83318

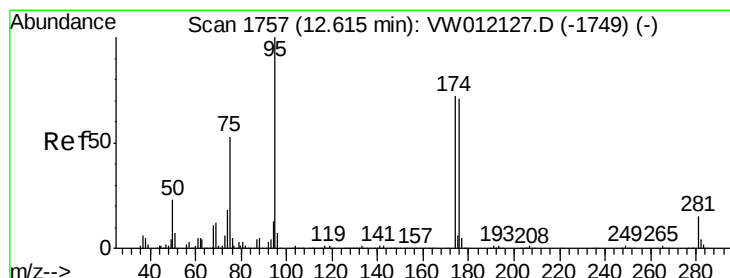
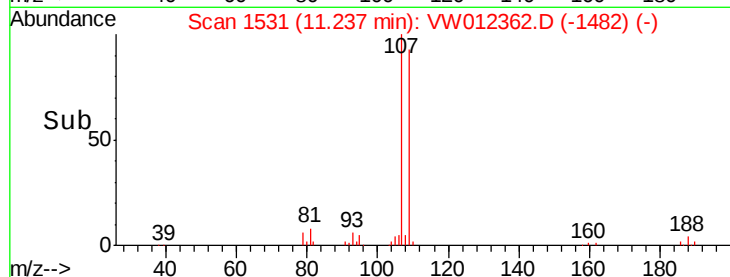
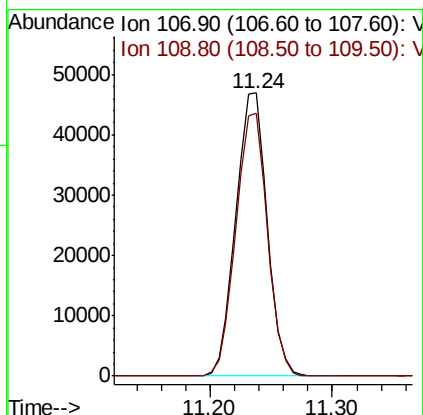
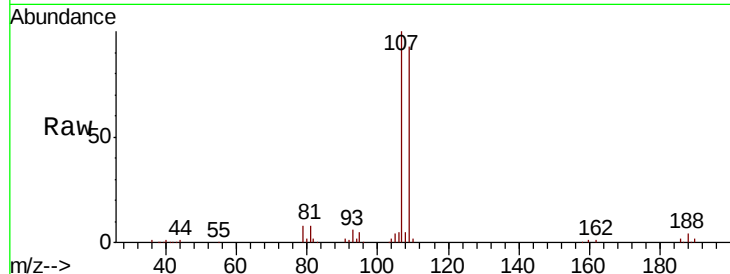
Ion Ratio Lower Upper

107 100

109 93.6 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 50.109 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

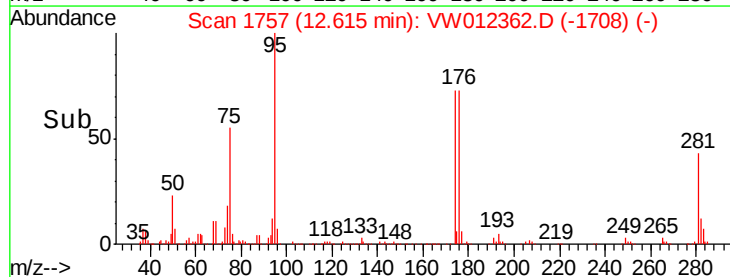
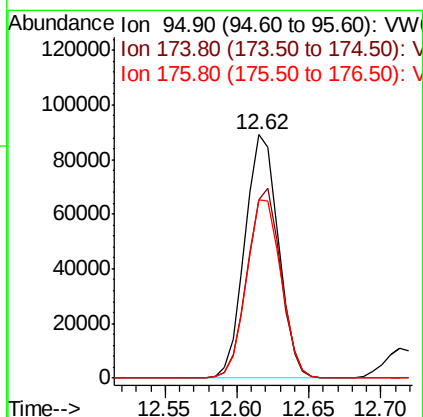
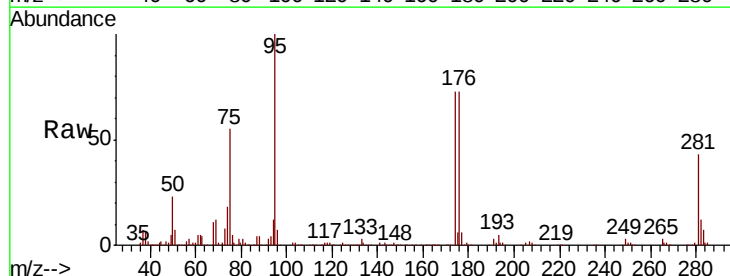
Tgt Ion: 95 Resp: 143937

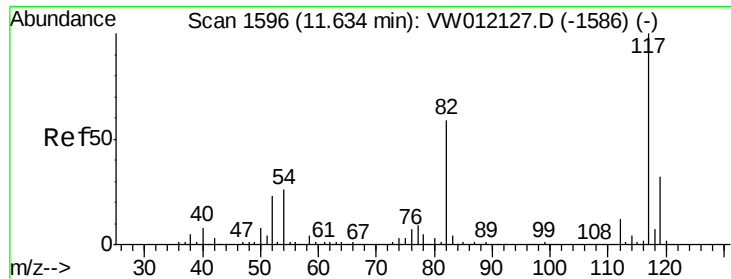
Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.8

176 75.2 0.0 148.6





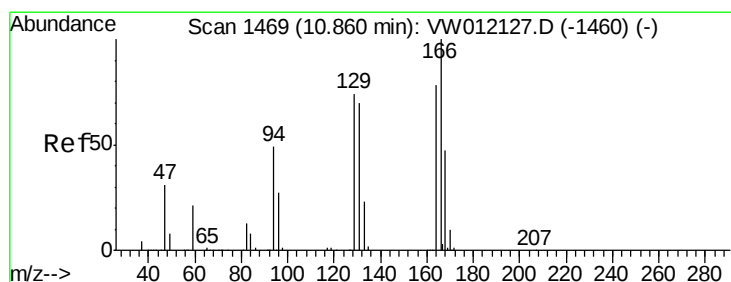
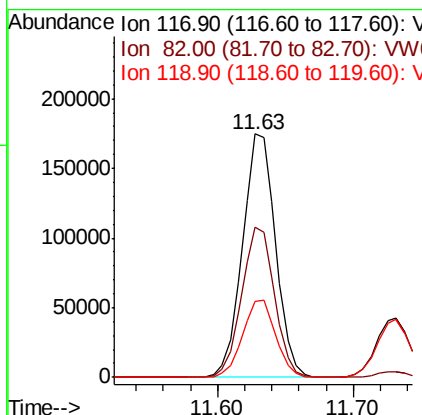
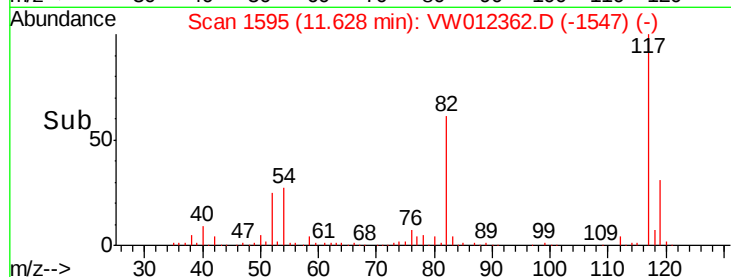
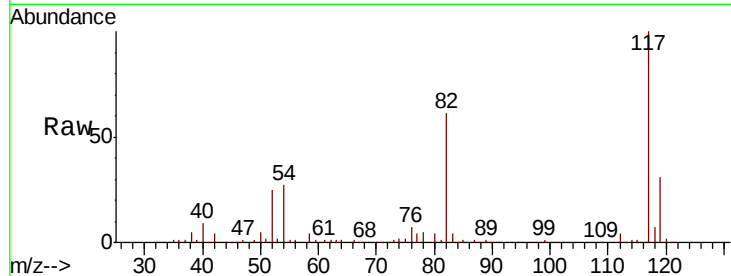
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	296850		
82	61.5	47.4	71.2	
119	31.4	25.4	38.2	

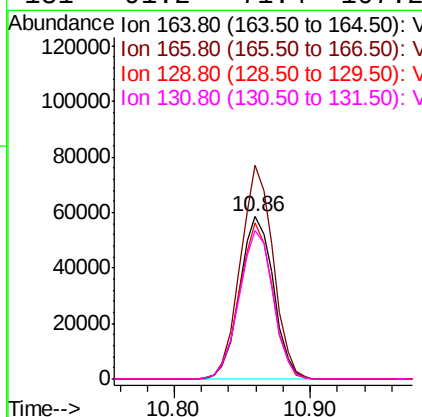
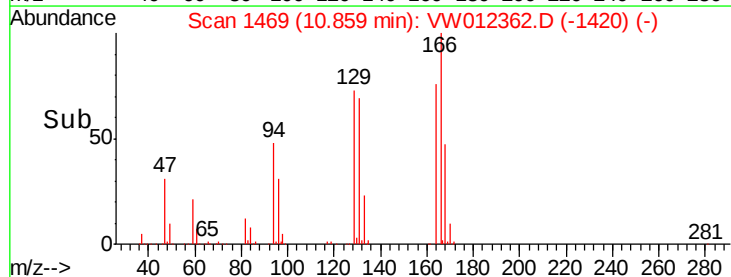
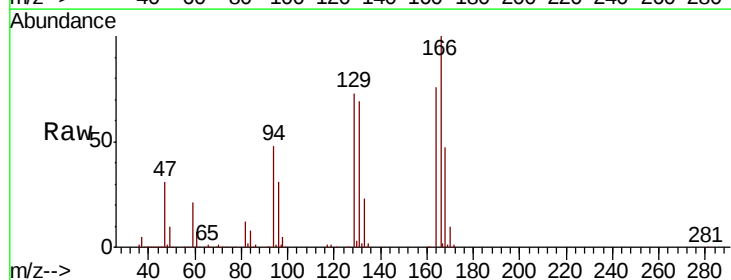
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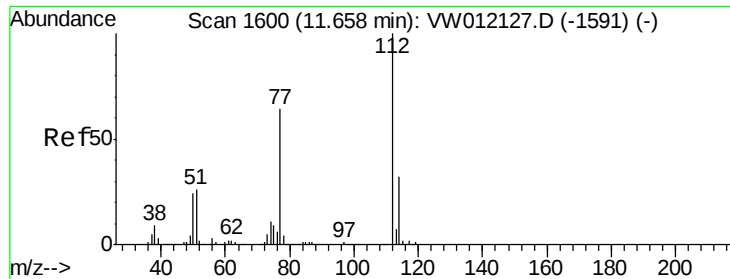
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#64
Tetrachloroethene
Concen: 52.888 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101786		
166	131.7	102.4	153.6	
129	96.2	75.8	113.6	
131	91.2	71.4	107.2	





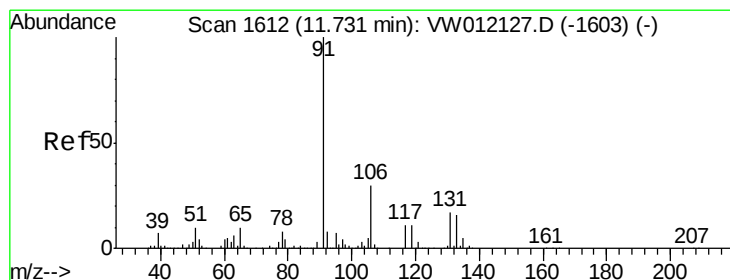
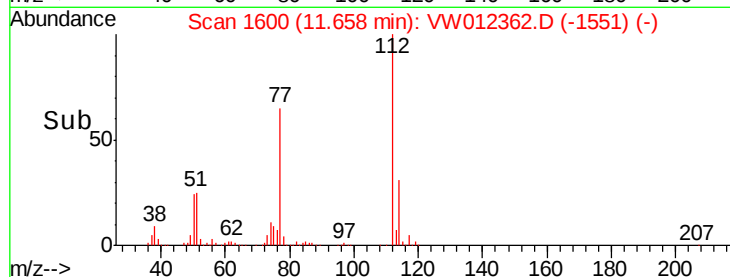
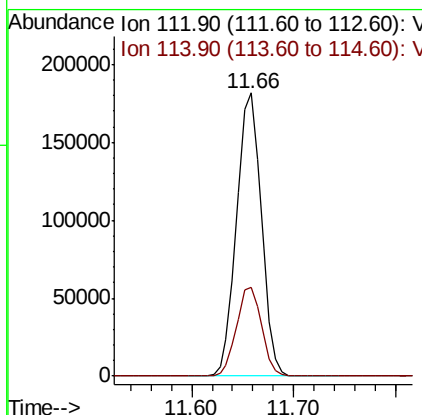
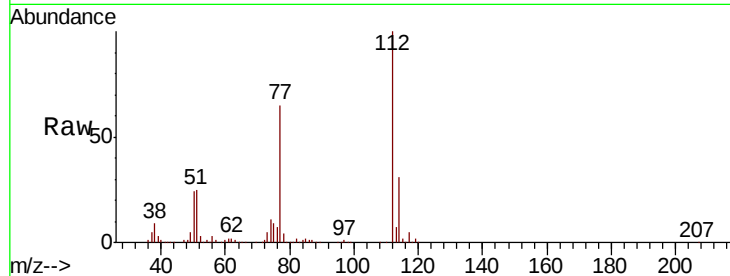
#65
Chlorobenzene
Concen: 52.207 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.8	38.6

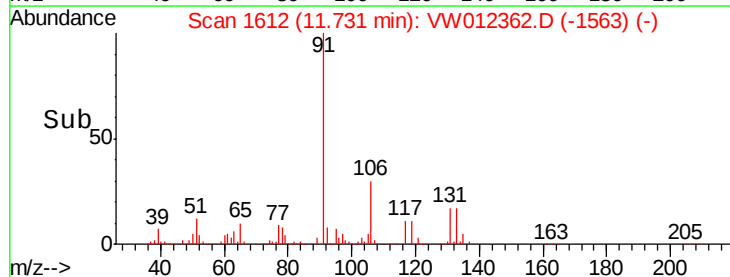
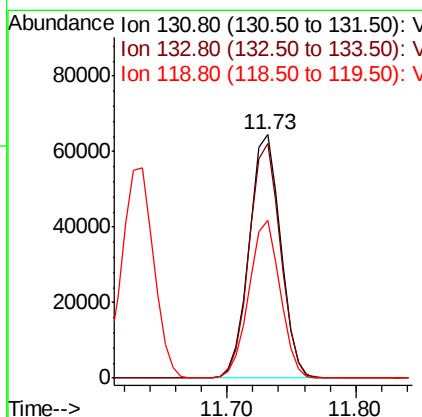
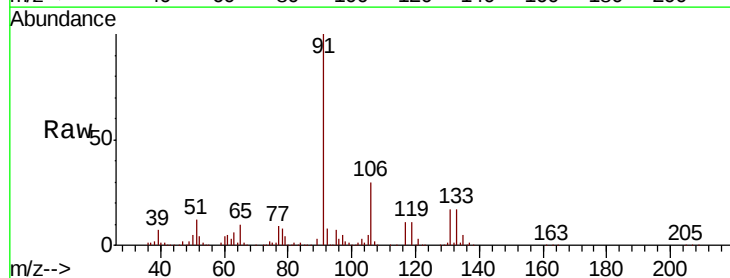
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.073 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.1	141.3
119	64.3	31.8	95.3





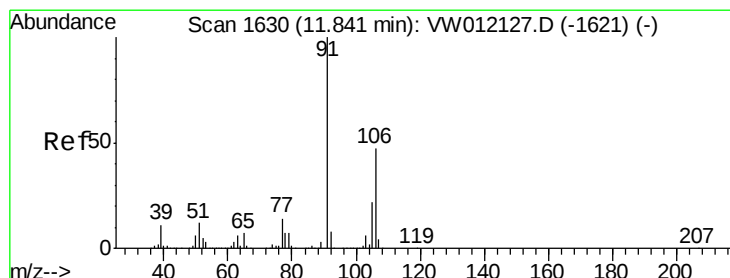
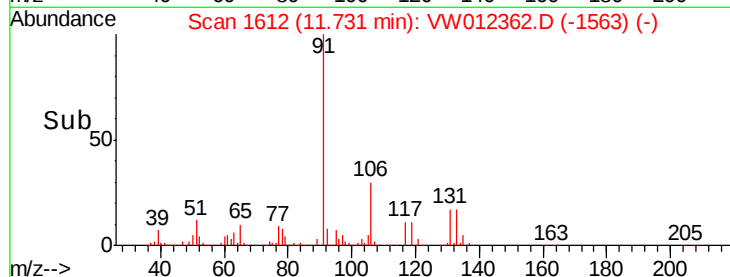
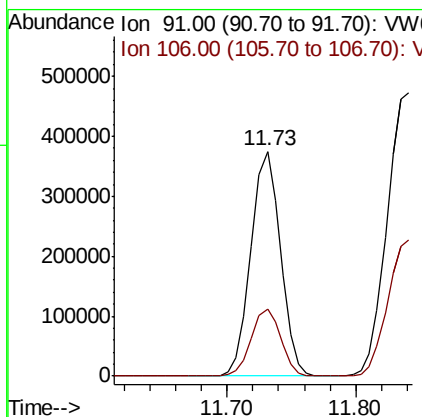
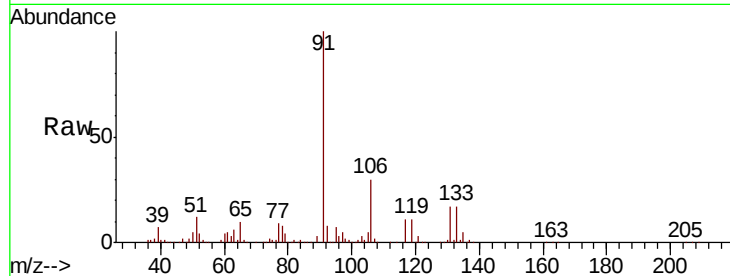
#67
Ethyl Benzene
Concen: 52.768 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	29.7	24.3	36.5	

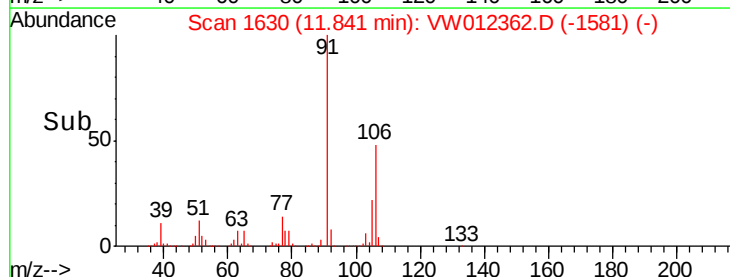
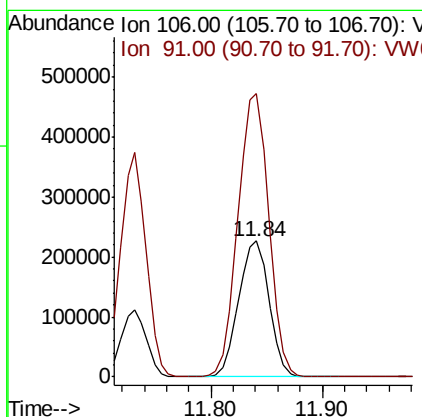
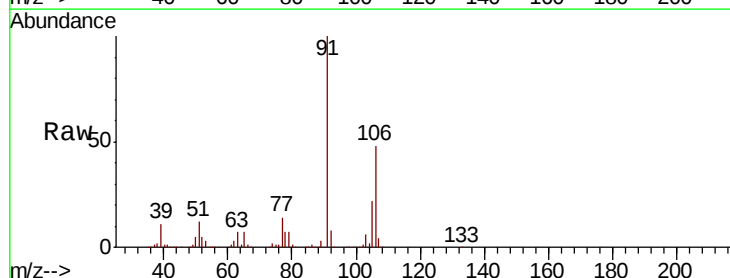
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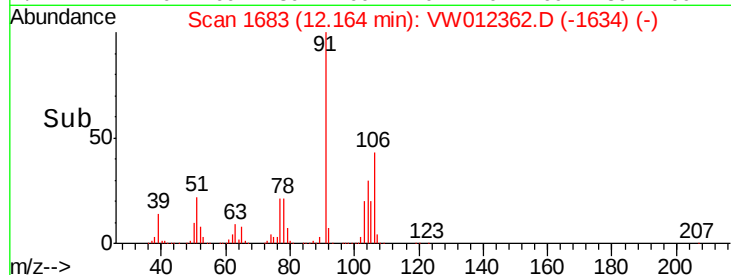
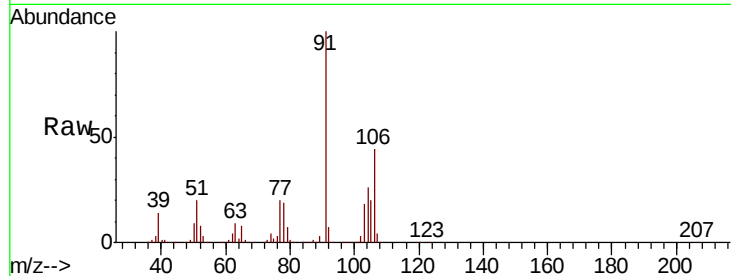
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#68
m/p-Xylenes
Concen: 105.953 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.7	169.5	254.3	





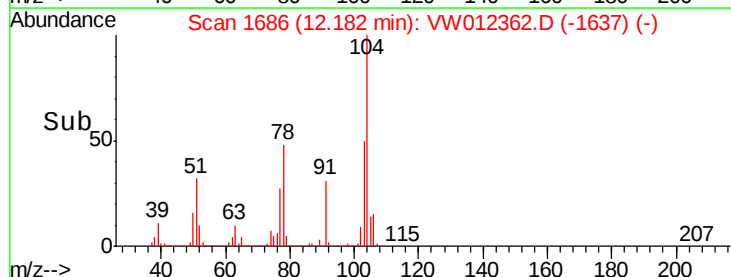
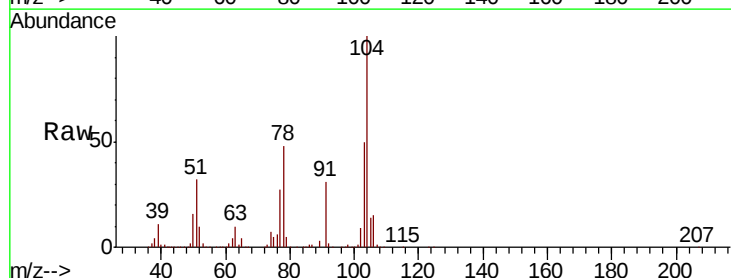
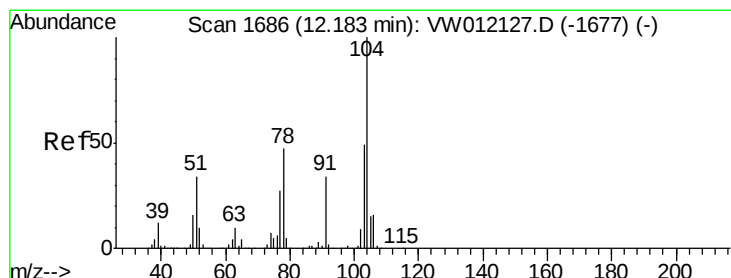
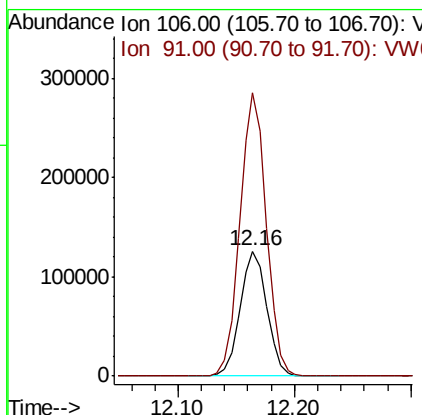
#69
o-Xylene
Concen: 53.569 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.6	111.6	334.6

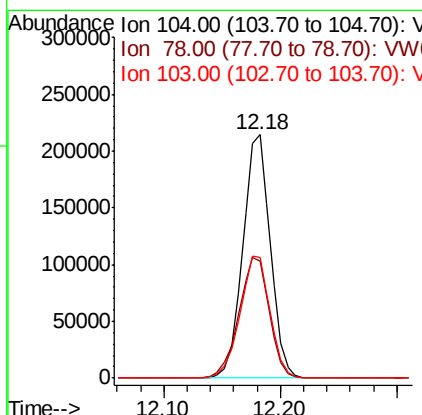
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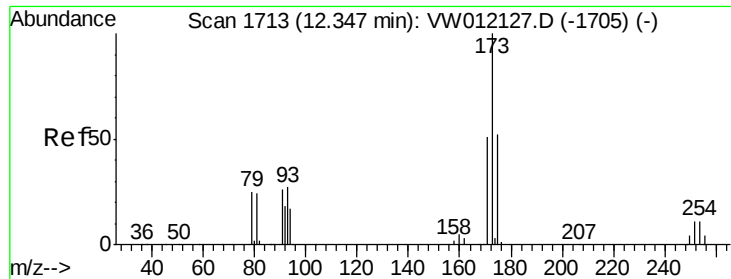
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#70
Styrene
Concen: 54.252 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.7	43.1	64.7
103	54.6	43.5	65.3





#71

Bromoform

Concen: 56.376 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 57276

Ion Ratio Lower Upper

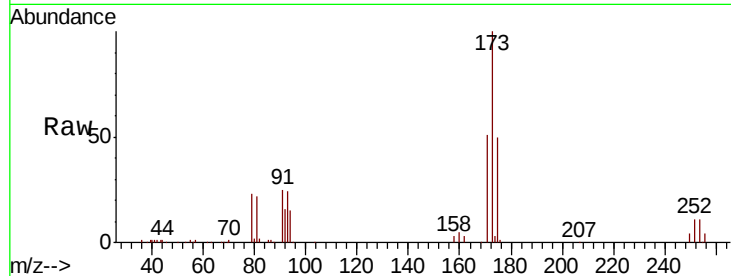
173 100

175 48.2 24.6 74.0

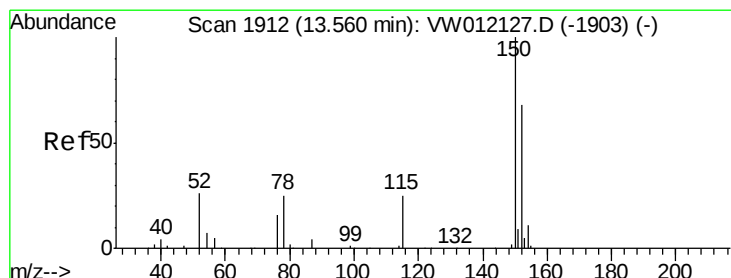
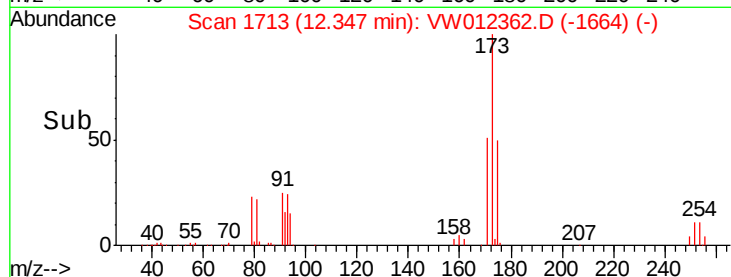
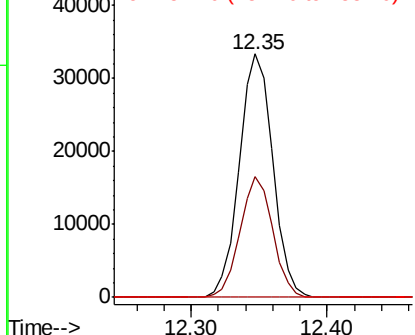
254 0.1 0.2 0.2#

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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: VW012362.D

Acq: 30 Aug 2019 20:26

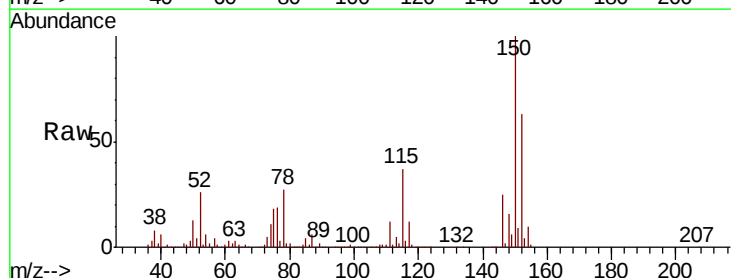
Tgt Ion:152 Resp: 145690

Ion Ratio Lower Upper

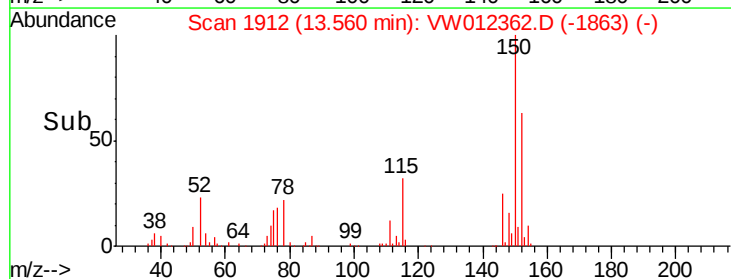
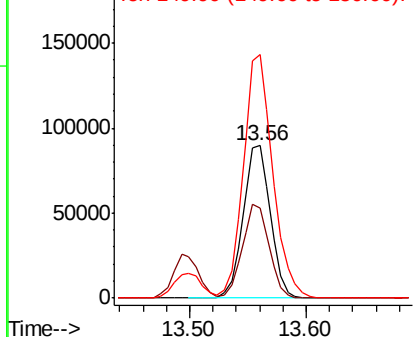
152 100

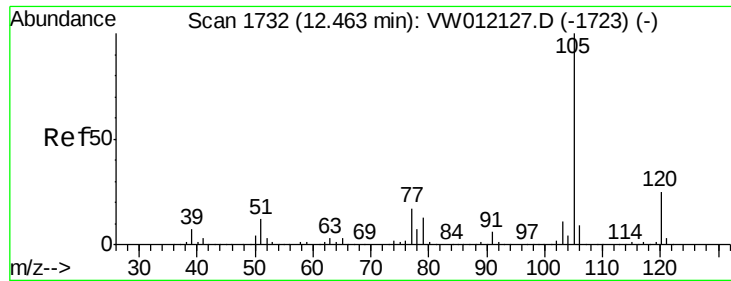
115 60.6 30.1 90.3

150 172.7 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





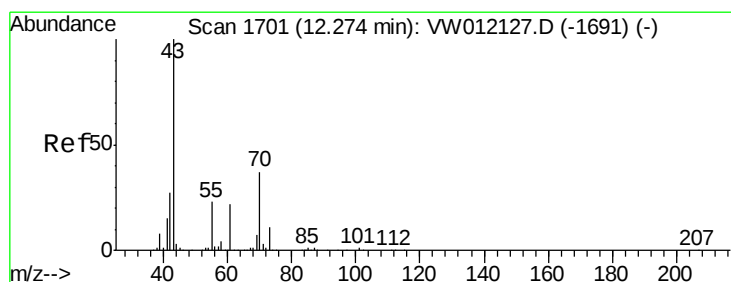
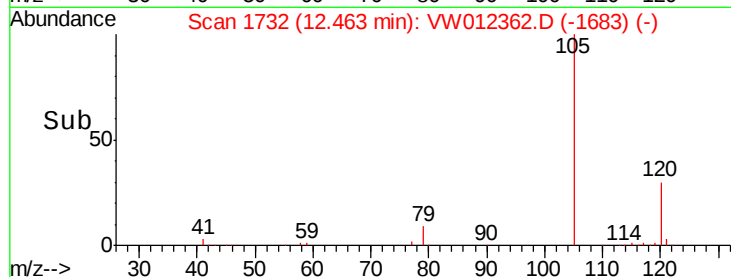
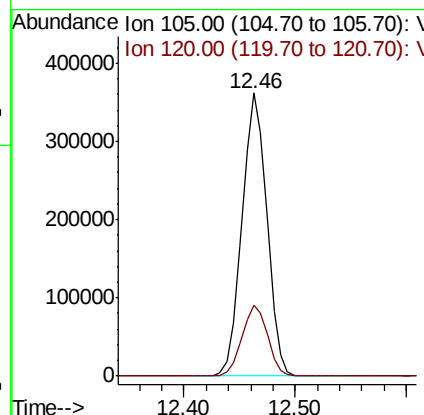
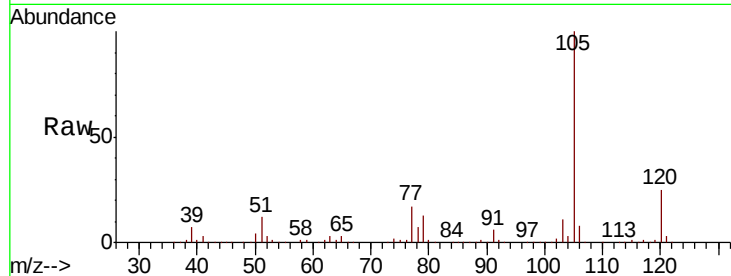
#73
Isopropylbenzene
Concen: 51.167 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.5	37.5

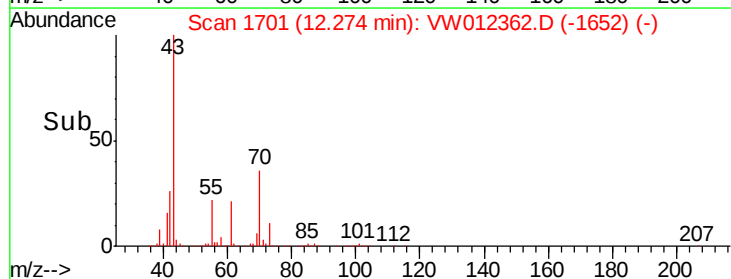
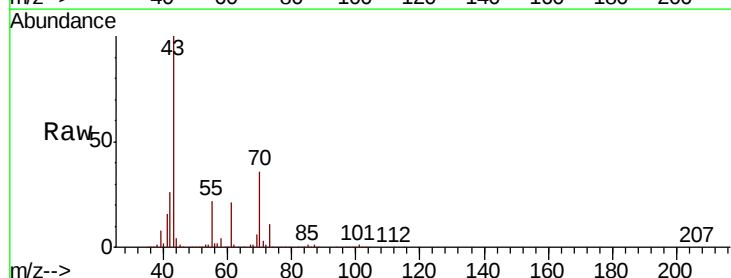
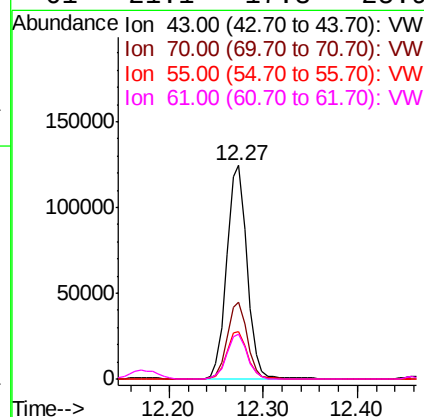
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#74
N-ethyl acetate
Concen: 56.600 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.4	28.6	43.0
55	22.7	17.8	26.6
61	21.1	17.3	25.9





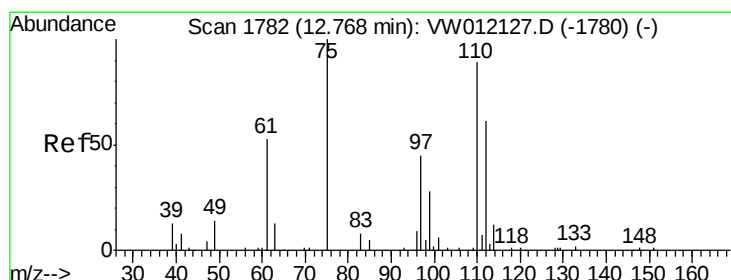
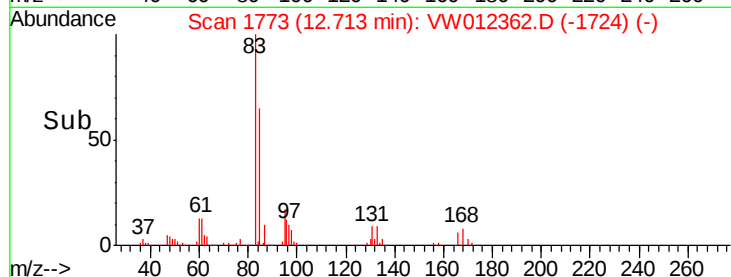
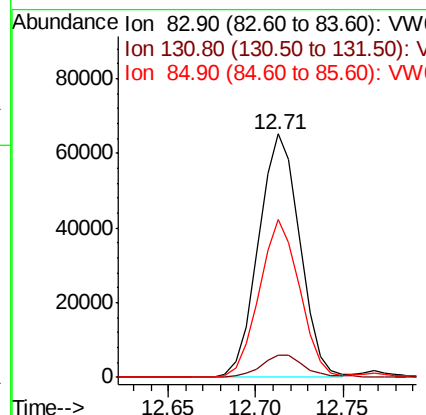
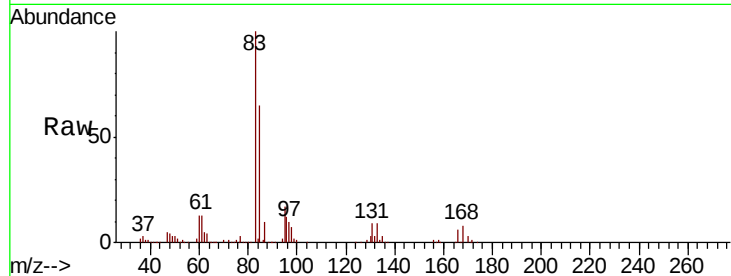
#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.408 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.9	4.9	14.7	
85	63.6	31.9	95.7	

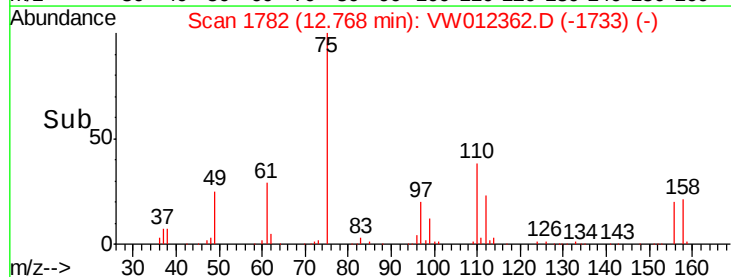
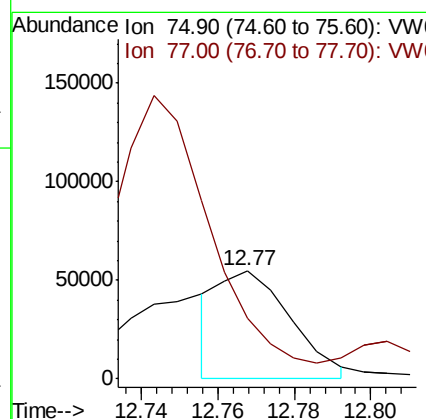
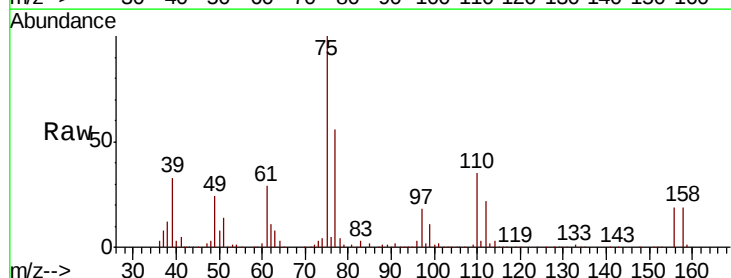
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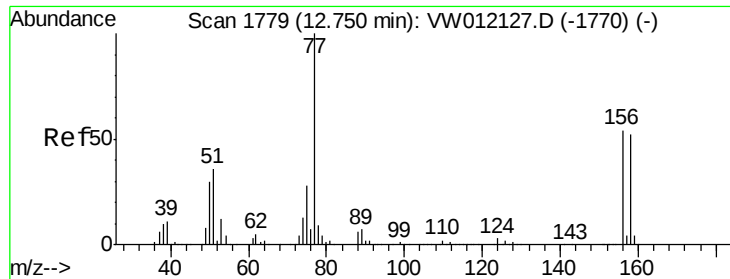
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#76
 1,2,3-Trichloropropane
 Concen: 50.976 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

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





#77

Bromobenzene

Concen: 52.306 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

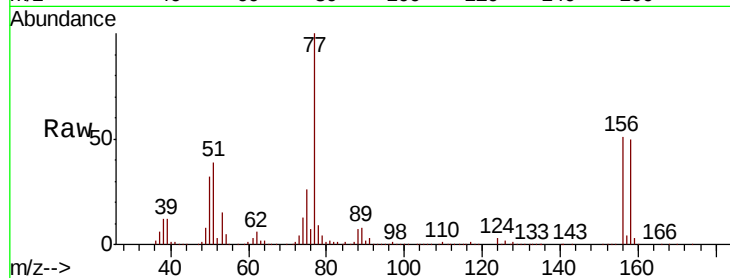
ClientSampleId :

VSTDCCC050EC

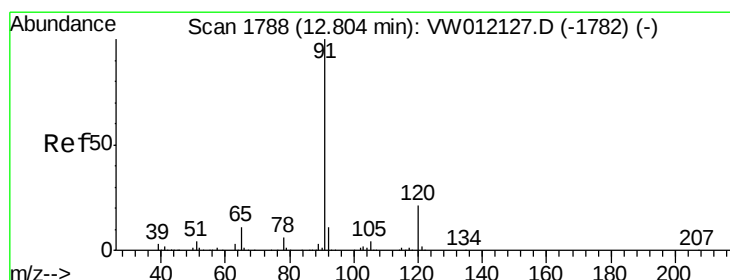
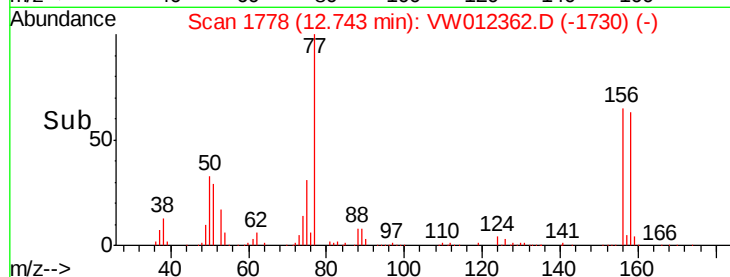
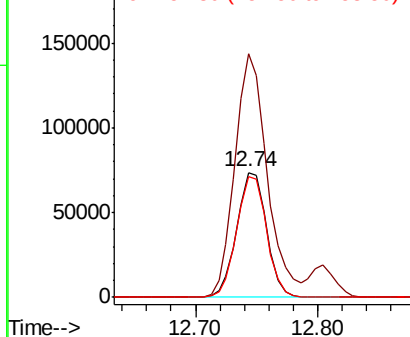
Tot Ion:	156	Resp:	123532
Ion Ratio	Lower	Upper	
156	100		
77	212.3	107.3	321.8
158	97.3	49.0	147.0

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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: 51.313 ug/l

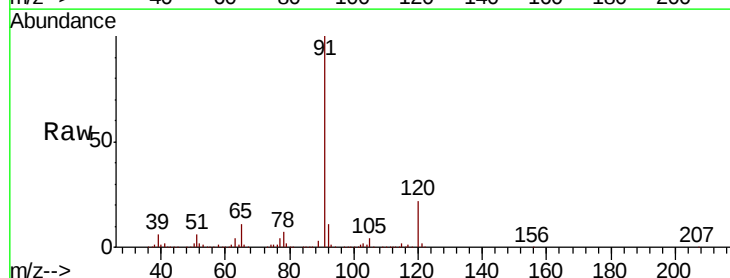
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

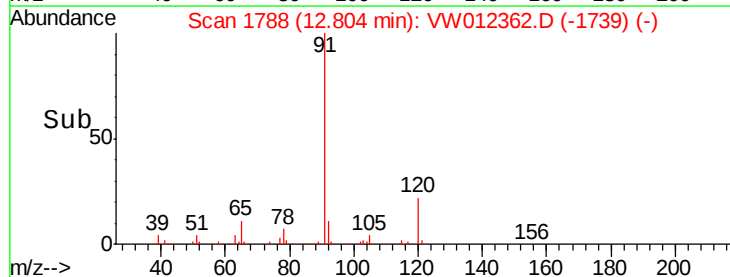
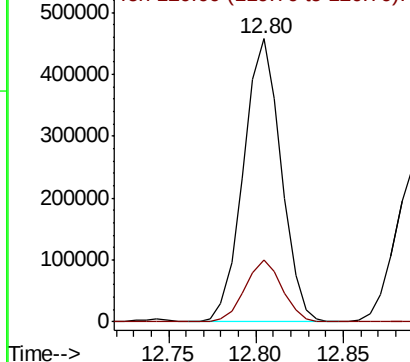
Lab File: VW012362.D

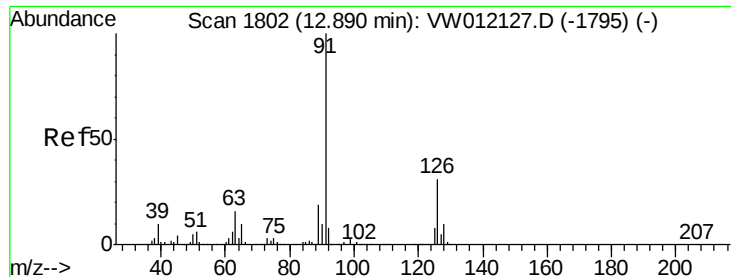
Acq: 30 Aug 2019 20:26

Tgt Ion:	91	Resp:	683861
Ion Ratio	Lower	Upper	
91	100		
120	21.6	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: 52.261 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 395432

Ion Ratio Lower Upper

91 100

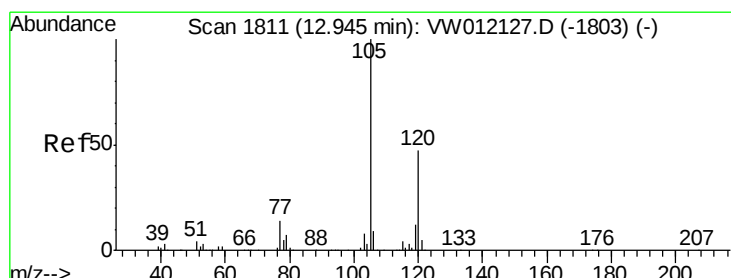
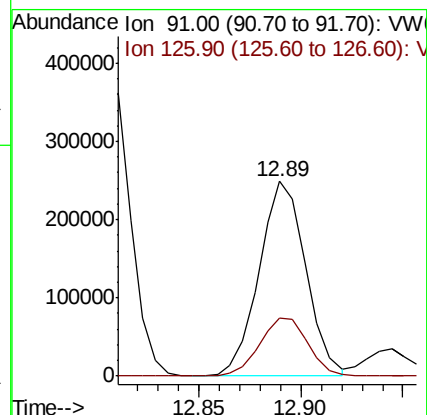
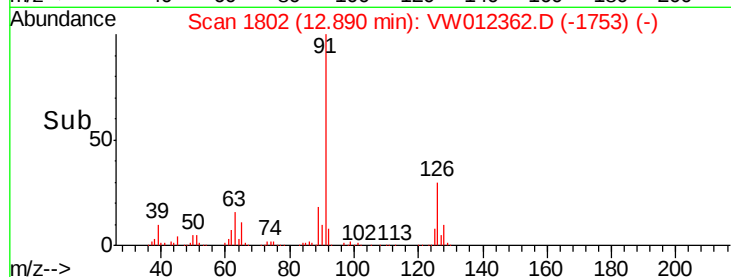
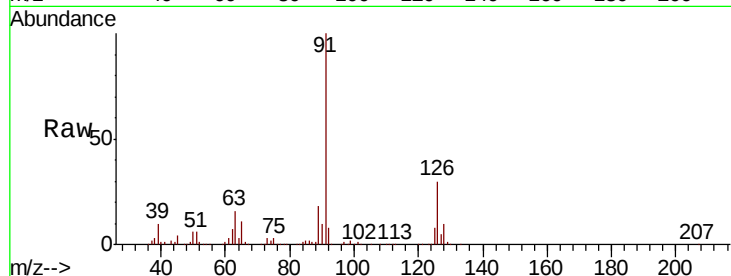
126 30.8 15.7 47.0

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#80

1,3,5-Trimethylbenzene

Concen: 52.301 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012362.D

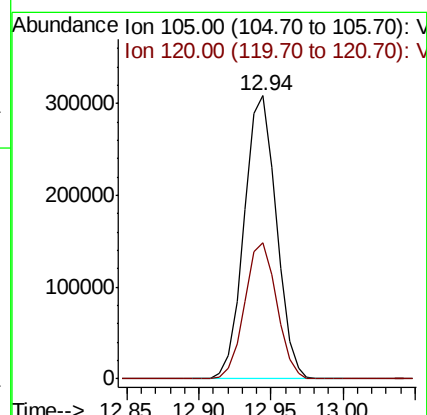
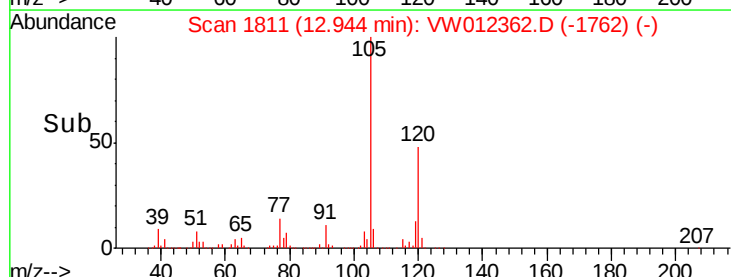
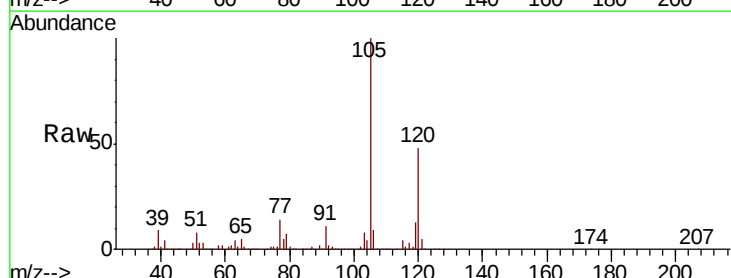
Acq: 30 Aug 2019 20:26

Tgt Ion: 105 Resp: 477094

Ion Ratio Lower Upper

105 100

120 48.1 24.0 72.0





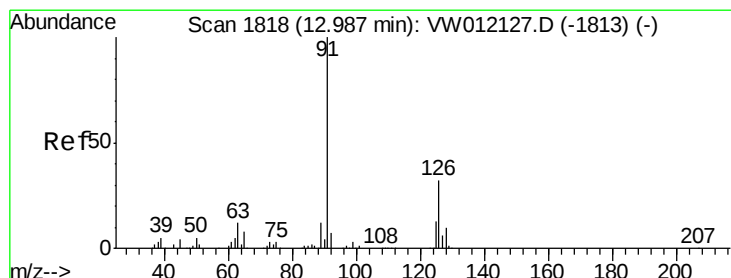
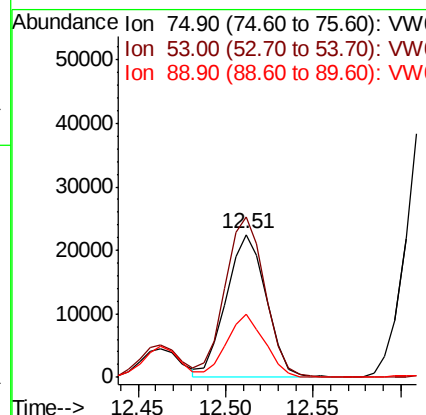
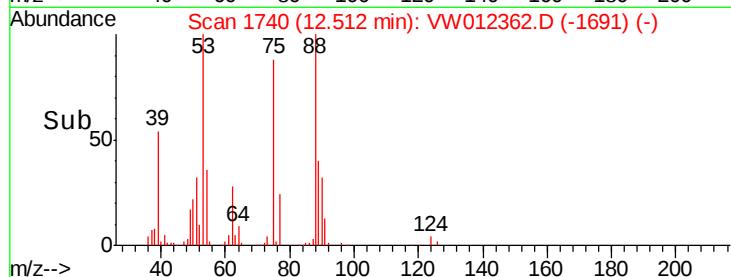
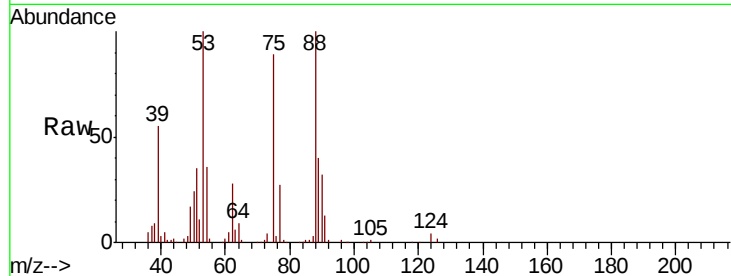
#81
trans-1,4-Dichloro-2-butene
Concen: 54.458 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.7	89.4	134.0
89	42.5	34.5	51.7

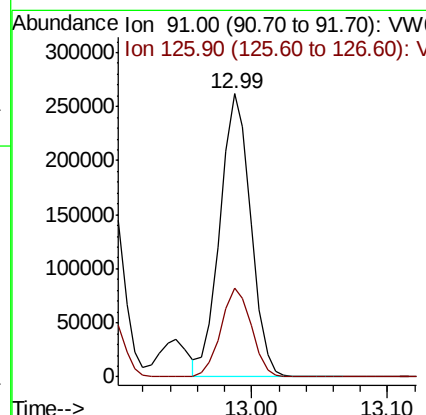
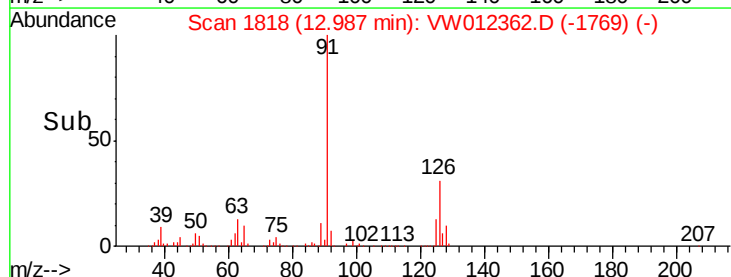
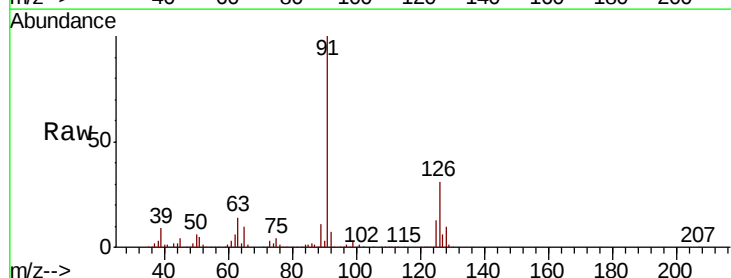
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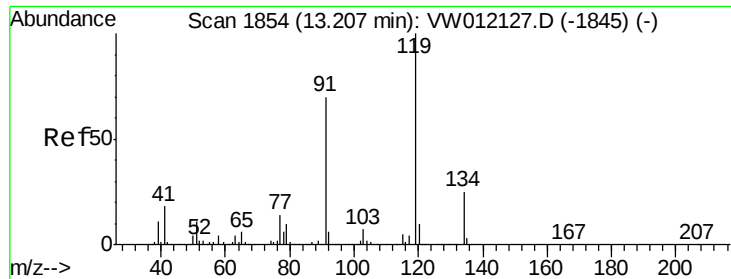
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.797 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.8





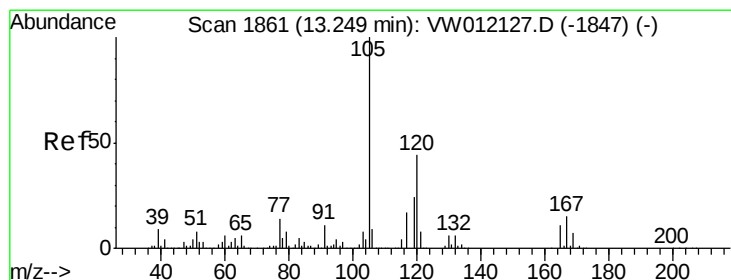
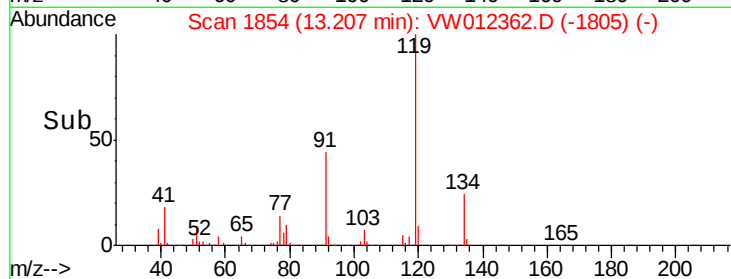
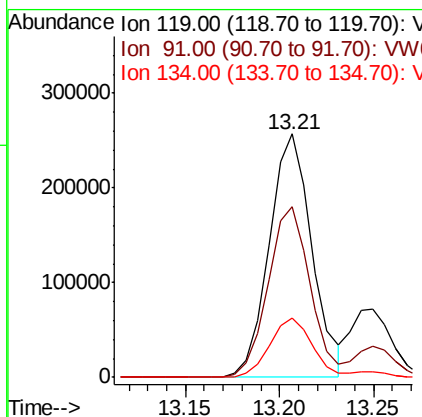
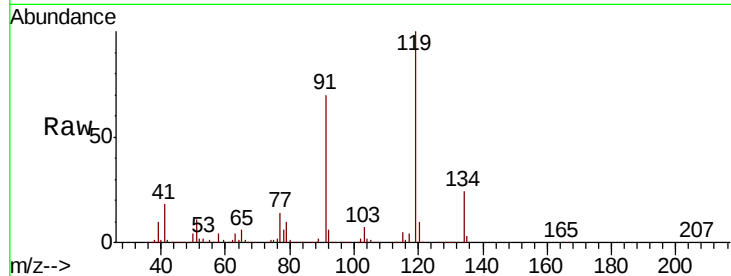
#83
tert-Butylbenzene
Concen: 52.255 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.9	34.8	104.3
134	24.3	13.3	39.8

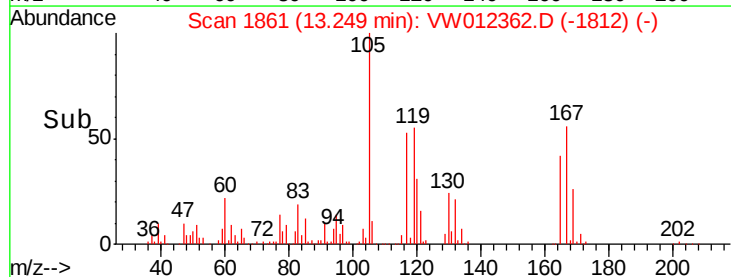
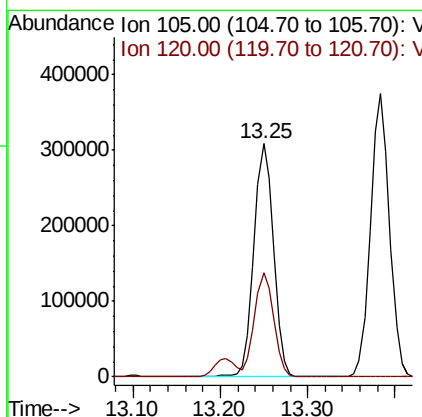
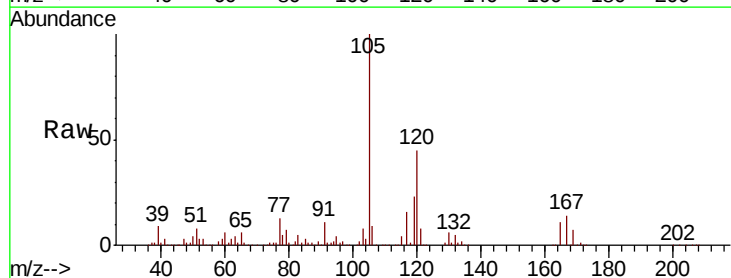
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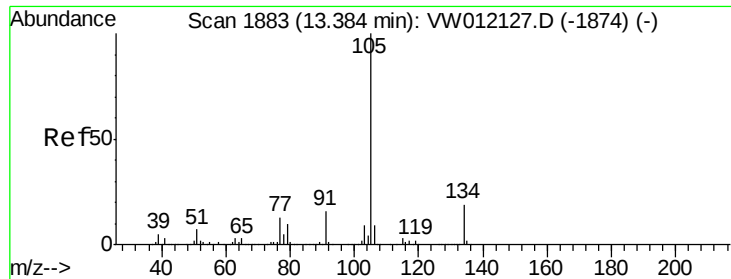
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#84
1,2,4-Trimethylbenzene
Concen: 52.244 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.9	65.7





#85

sec-Butylbenzene

Concen: 51.333 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 568279

Ion Ratio Lower Upper

105 100

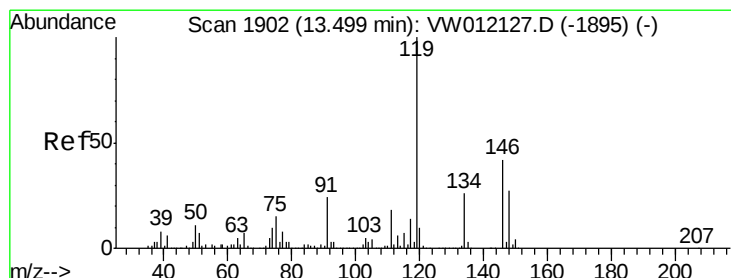
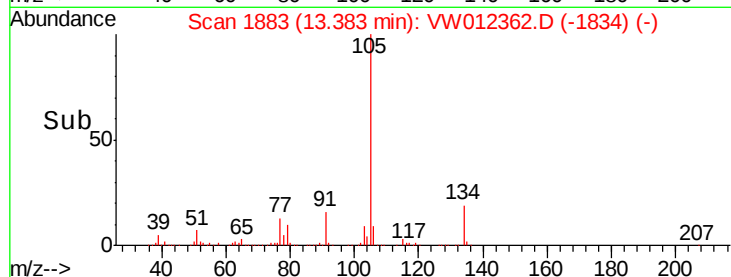
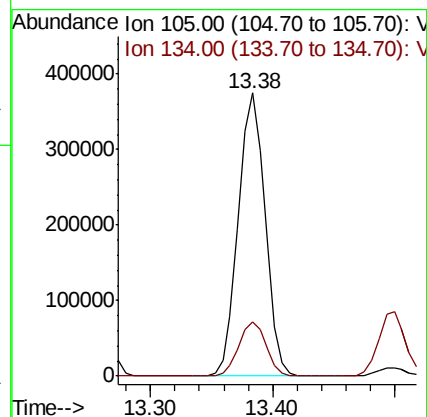
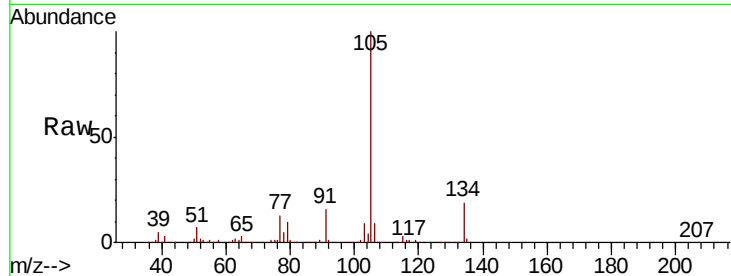
134 19.6 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 51.706 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012362.D

Acq: 30 Aug 2019 20:26

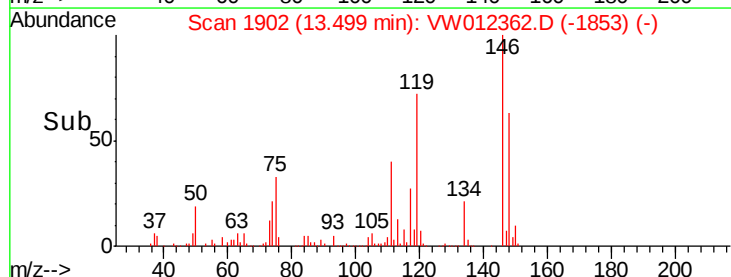
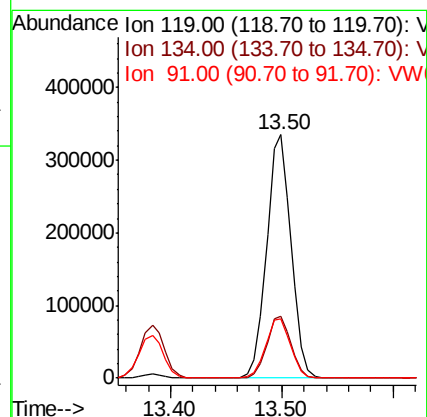
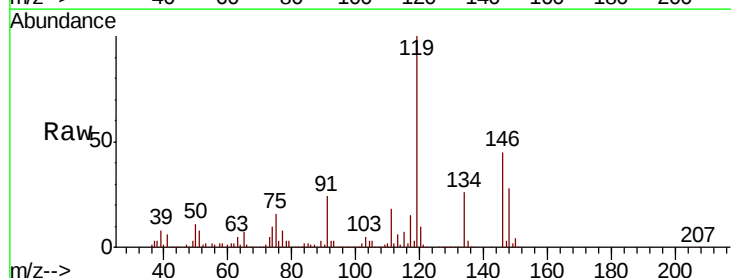
Tgt Ion:119 Resp: 511192

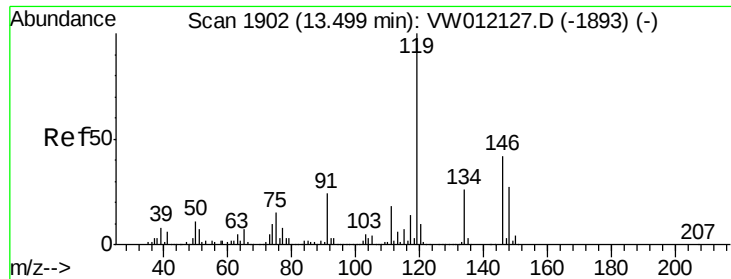
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.3

91 24.8 12.3 36.9





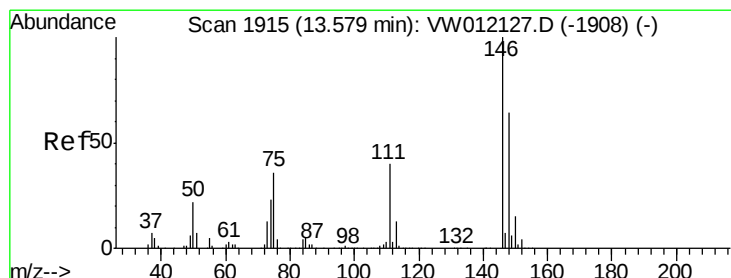
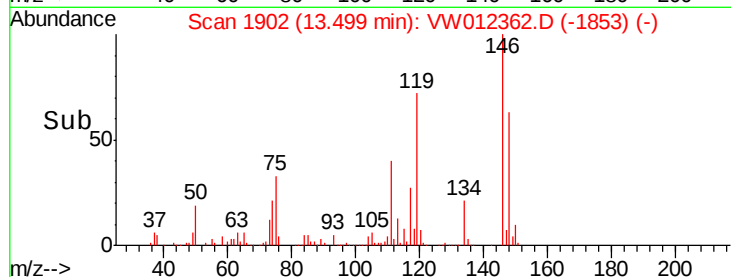
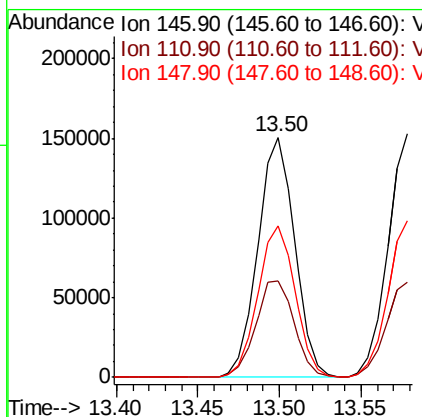
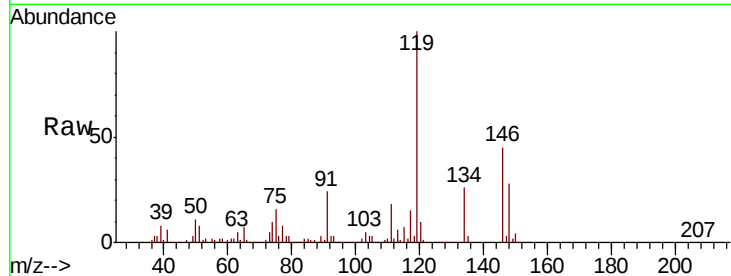
#87
 1,3-Dichlorobenzene
 Concen: 51.314 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.9	62.7
148	63.7	32.2	96.6

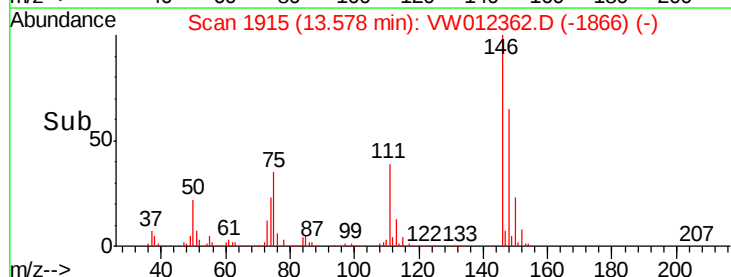
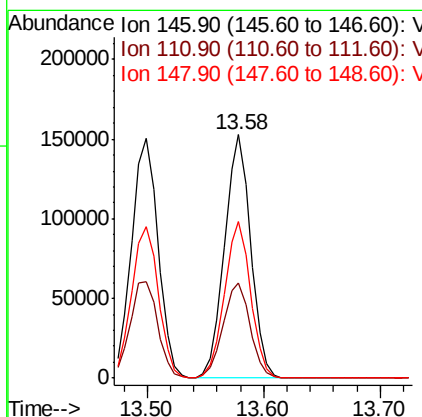
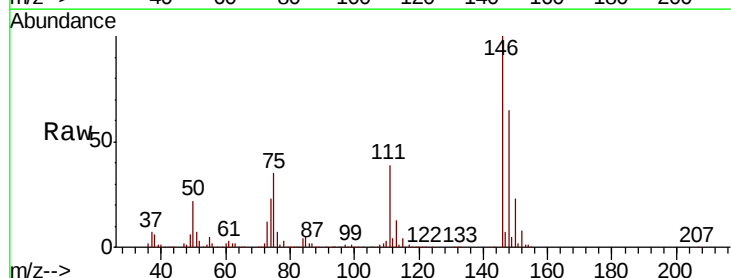
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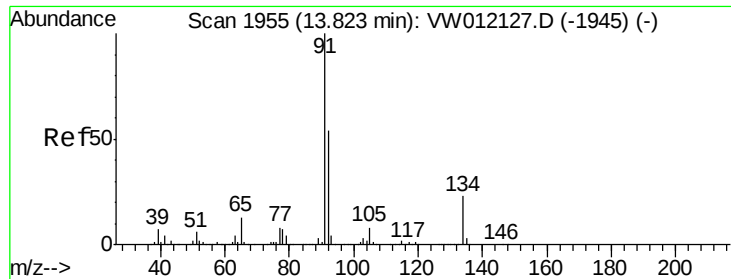
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#88
 1,4-Dichlorobenzene
 Concen: 51.854 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	64.1	32.1	96.3





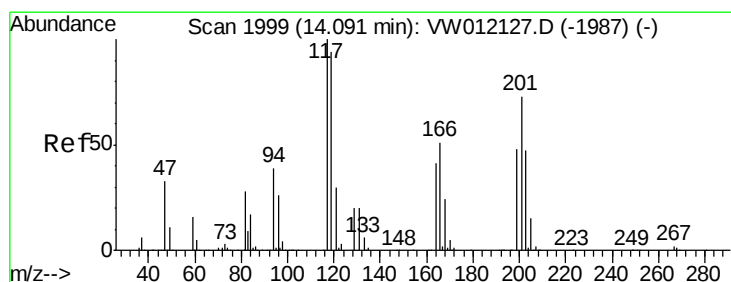
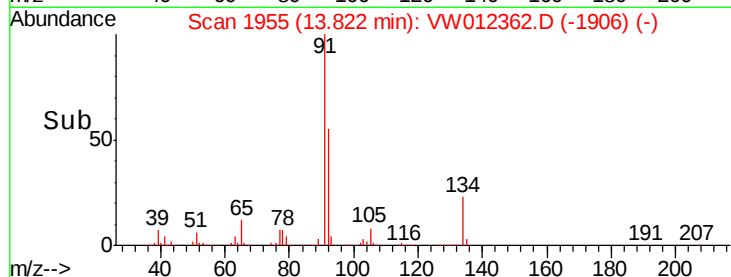
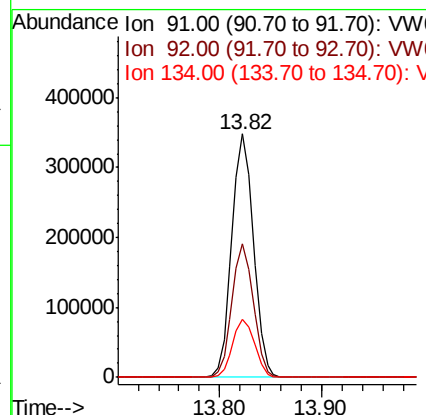
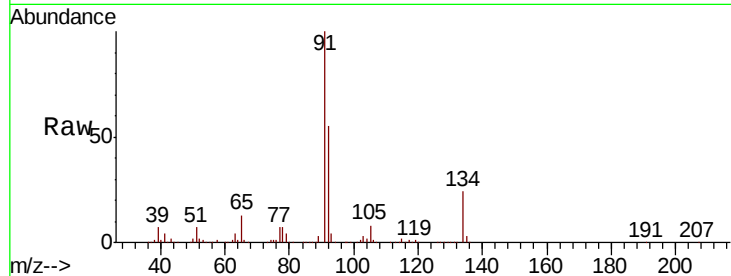
#89
n-Butylbenzene
Concen: 52.027 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.1	81.2
134	24.2	12.2	36.4

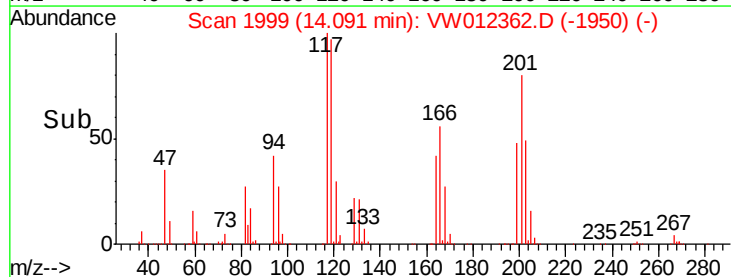
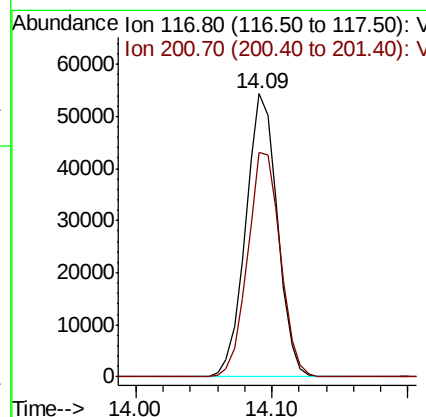
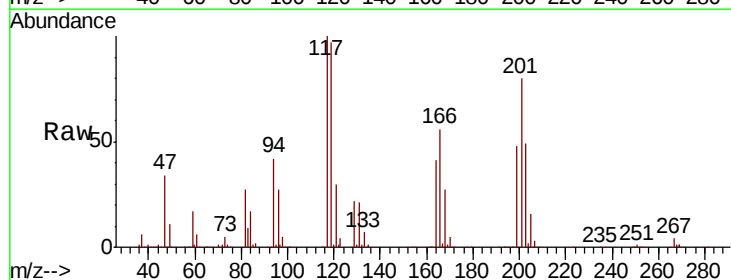
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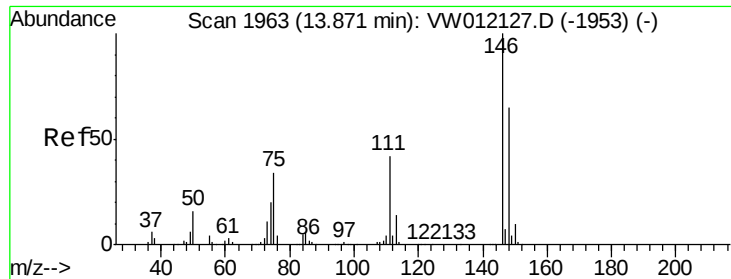
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#90
Hexachloroethane
Concen: 51.185 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	38.6	115.7





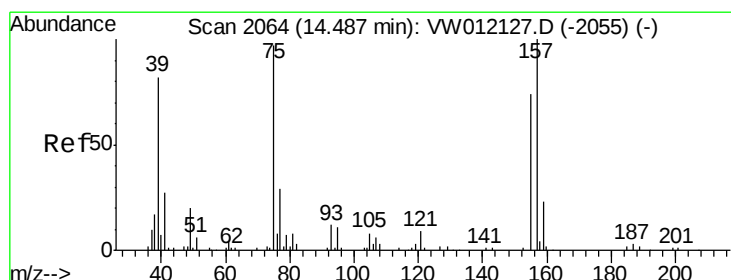
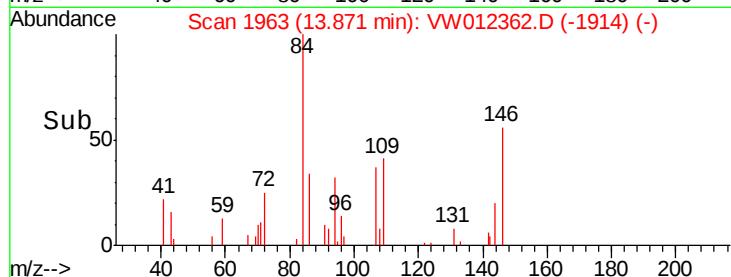
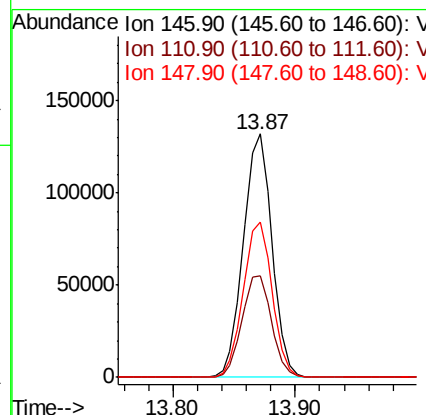
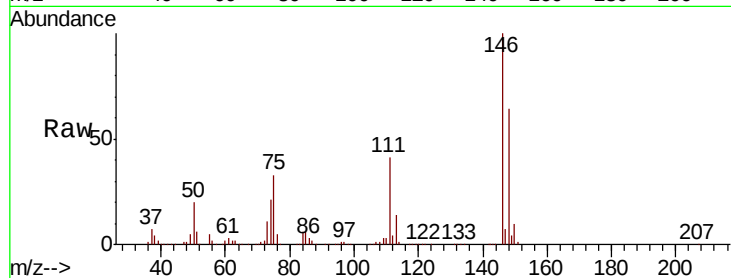
#91
 1,2-Dichlorobenzene
 Concen: 52.726 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.2	63.6
148	64.4	32.5	97.4

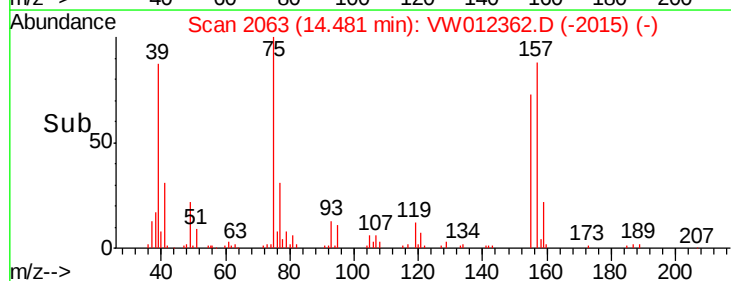
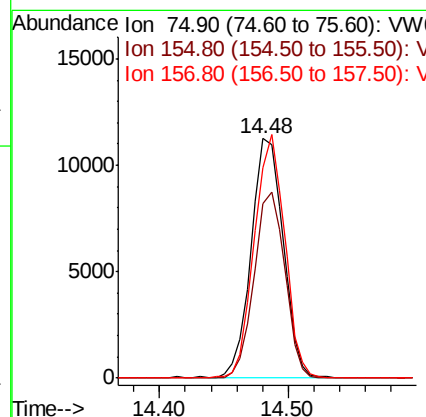
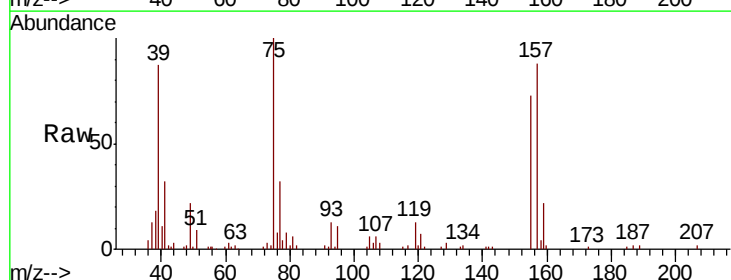
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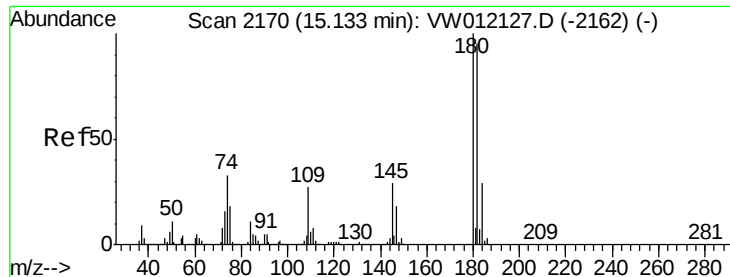
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.330 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.2	37.5	112.3
157	95.9	50.5	151.5





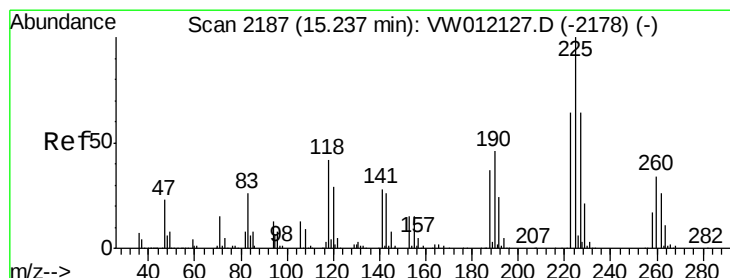
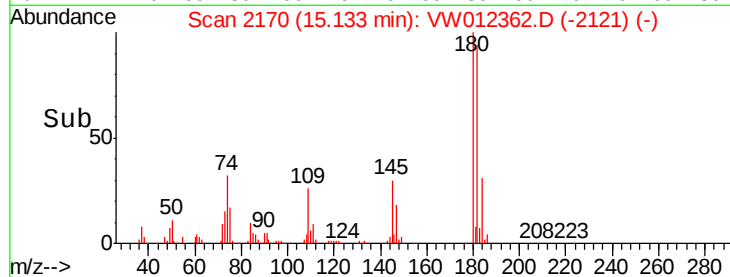
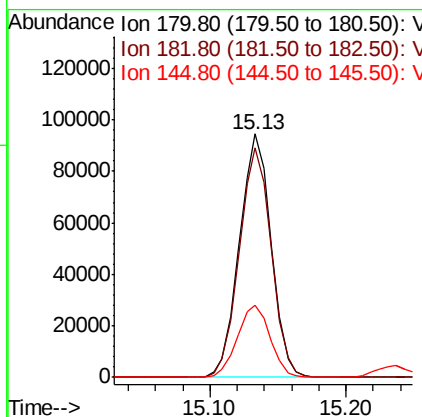
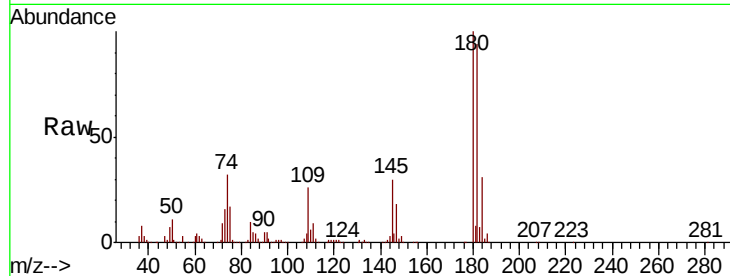
#93
 1,2,4-Trichlorobenzene
 Concen: 54.934 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	153842		
182	94.8	47.8	143.4	
145	30.4	15.0	45.1	

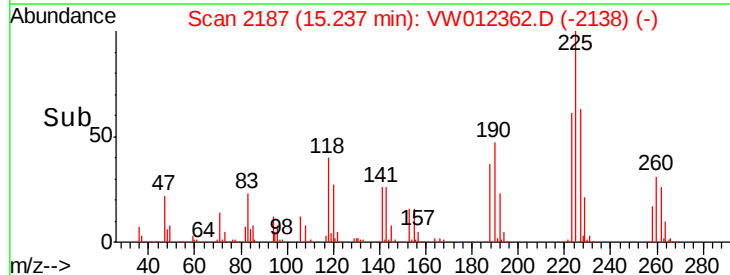
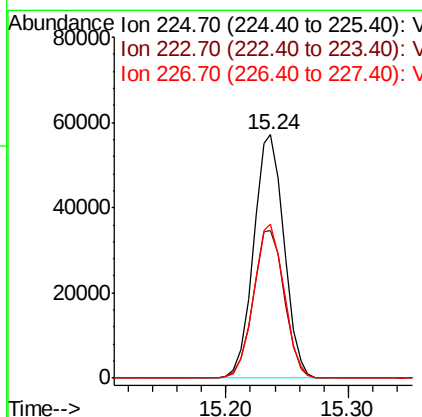
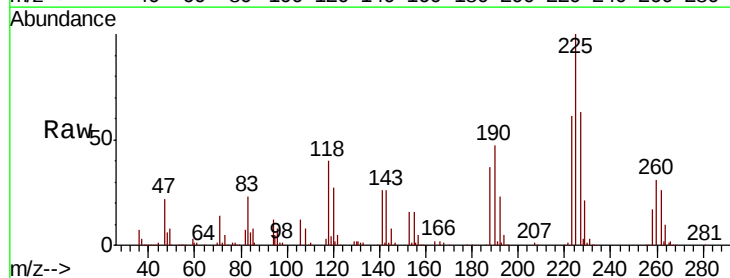
Manual Integrations
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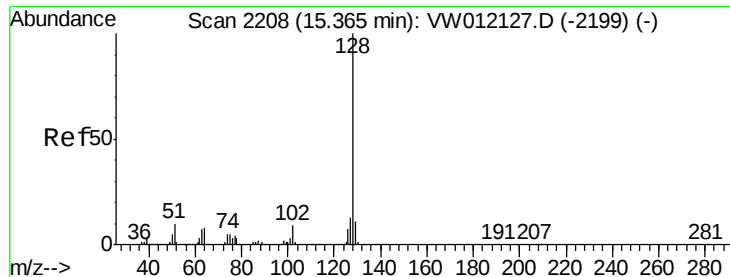
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#94
 Hexachlorobutadiene
 Concen: 53.322 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012362.D
 Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98602		
223	62.3	32.3	96.8	
227	63.2	32.9	98.6	





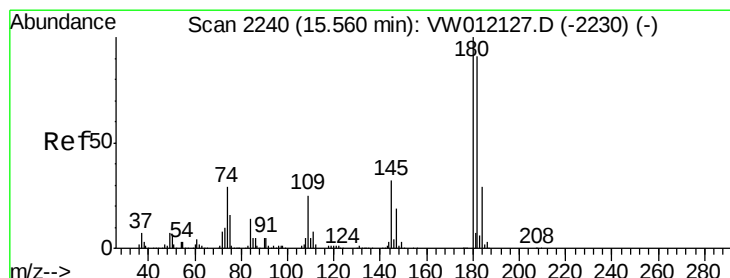
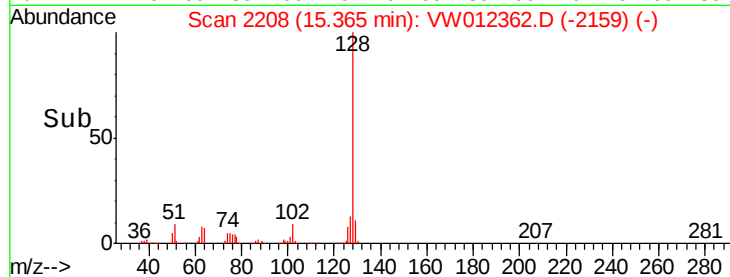
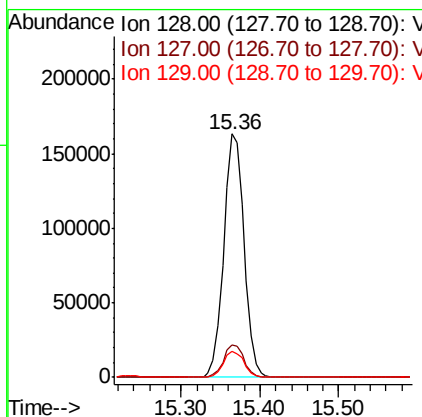
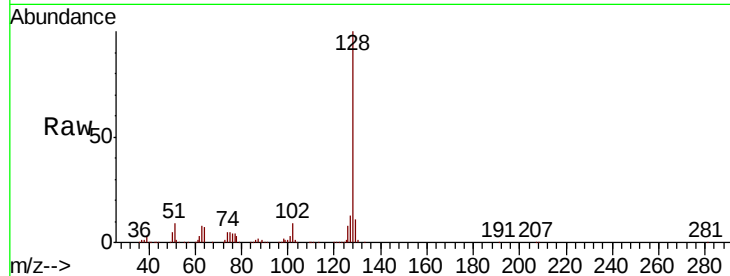
#95
Naphthalene
Concen: 52.709 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/31/2019 9:11:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 55.103 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012362.D
Acq: 30 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.1	141.3
145	32.7	16.2	48.5

