

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015346.D
 Acq On : 24 Apr 2020 16:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: Apr 25 07:27:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	331091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	179038	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	93192	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.88	113	92779	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.32	98	364014	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.62	95	144963	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	83498	44.890	ug/l	97
3) Chloromethane	2.21	50	85310	42.116	ug/l	99
4) Vinyl Chloride	2.35	62	100973	42.214	ug/l	99
5) Bromomethane	2.76	94	83746	49.242	ug/l	94
6) Chloroethane	2.92	64	62450	42.091	ug/l	98
7) Trichlorofluoromethane	3.26	101	149832	44.267	ug/l	95
8) Diethyl Ether	3.68	74	44211	46.535	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	93141	44.623	ug/l	91
10) Methyl Iodide	4.28	142	101892	46.477	ug/l	99
11) Tert butyl alcohol	5.17	59	35907	228.688	ug/l	100
12) 1,1-Dichloroethene	4.04	96	89001	44.300	ug/l	95
13) Acrolein	3.90	56	17230	209.661	ug/l	97
14) Allyl chloride	4.67	41	114079	42.802	ug/l #	85
15) Acrylonitrile	5.37	53	85127	235.452	ug/l	98
16) Acetone	4.12	43	71326	212.011	ug/l	100
17) Carbon Disulfide	4.38	76	251631	42.147	ug/l	100
18) Methyl Acetate	4.67	43	41859	47.005	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	219692	47.635	ug/l	96
20) Methylene Chloride	4.92	84	97726	44.323	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	103142	45.267	ug/l	93
22) Diisopropyl ether	6.31	45	231698	45.315	ug/l #	92
23) Vinyl Acetate	6.26	43	697051	232.316	ug/l	96
24) 1,1-Dichloroethane	6.22	63	160678	45.344	ug/l	98
25) 2-Butanone	7.17	43	104308	233.692	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	161036	43.197	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	115716	47.041	ug/l	97
28) Bromochloromethane	7.51	49	60654	47.078	ug/l #	71
29) Tetrahydrofuran	7.53	42	67651	243.277	ug/l	88
30) Chloroform	7.68	83	180448	47.182	ug/l	97
31) Cyclohexane	7.95	56	139874	39.269	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	167511	45.382	ug/l	99
36) 1,1-Dichloropropene	8.09	75	135465	45.332	ug/l	98
37) Ethyl Acetate	7.26	43	47190	48.658	ug/l #	97
38) Carbon Tetrachloride	8.07	117	152549	46.714	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	174119	43.777	ug/l	96
40) Benzene	8.32	78	370222	46.379	ug/l	96
41) Methacrylonitrile	7.48	41	27280	46.880	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	116381	49.525	ug/l	99
43) Isopropyl Acetate	8.42	43	98310	48.332	ug/l	96
44) Trichloroethene	9.09	130	117962	48.311	ug/l	93
45) 1,2-Dichloropropane	9.37	63	84930	45.751	ug/l	98
46) Dibromomethane	9.46	93	53050	49.403	ug/l #	86
47) Bromodichloromethane	9.64	83	135296	47.132	ug/l	98
48) Methyl methacrylate	9.43	41	44529	46.309	ug/l #	83
49) 1,4-Dioxane	9.45	88	15104	1055.096	ug/l	91
51) 4-Methyl-2-Pentanone	10.21	43	237023	248.232	ug/l	96
52) Toluene	10.39	92	268186	48.005	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	136041	48.063	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	154171	46.861	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	74581	49.601	ug/l	97
56) Ethyl methacrylate	10.65	69	94271	48.667	ug/l	93
57) 1,3-Dichloropropane	10.93	76	122210	49.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	221756	246.930	ug/l #	88
59) 2-Hexanone	10.96	43	165183	242.345	ug/l	97
60) Dibromochloromethane	11.13	129	99619	50.178	ug/l	99
61) 1,2-Dibromoethane	11.23	107	73503	50.098	ug/l	99
64) Tetrachloroethene	10.86	164	109402	48.707	ug/l	91
65) Chlorobenzene	11.66	112	297815	48.225	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	110053	49.583	ug/l	97
67) Ethyl Benzene	11.73	91	545726	47.386	ug/l	99
68) m/p-Xylenes	11.84	106	434517	96.255	ug/l	98
69) o-Xylene	12.16	106	205244	48.711	ug/l	99
70) Styrene	12.18	104	354936	49.418	ug/l	99
71) Bromoform	12.35	173	61043	48.810	ug/l #	100
73) Isopropylbenzene	12.46	105	573102	46.168	ug/l	100
74) N-amyl acetate	12.27	43	101428	46.966	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	82871	47.019	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	65297m	47.144	ug/l	
77) Bromobenzene	12.74	156	136335	47.803	ug/l	83
78) n-propylbenzene	12.80	91	659174	45.607	ug/l	96
79) 2-Chlorotoluene	12.89	91	381127	46.791	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	499950	46.754	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27911	44.052	ug/l	93
82) 4-Chlorotoluene	12.99	91	404914	46.821	ug/l	97
83) tert-Butylbenzene	13.21	119	438253	46.892	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	495203	46.952	ug/l	100
85) sec-Butylbenzene	13.38	105	597392	46.283	ug/l	98
86) p-Isopropyltoluene	13.50	119	552894	46.099	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	276002	48.706	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	269164	48.456	ug/l	96
89) n-Butylbenzene	13.82	91	496763	45.315	ug/l	98
90) Hexachloroethane	14.09	117	100997	45.918	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	243240	49.397	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15816	49.587	ug/l	84

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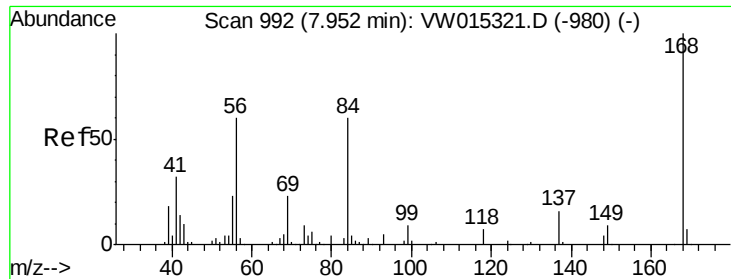
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	173511	50.694	ug/l	98
94) Hexachlorobutadiene	15.23	225	111427	48.830	ug/l	97
95) Naphthalene	15.36	128	289440	52.570	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	147574	52.993	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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Instrument :

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VSTDCCC050EC

Tot Ion:168 Resp: 235544

Ion Ratio Lower Upper

168 100

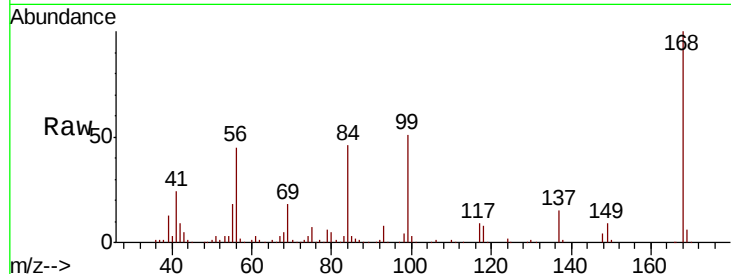
99 51.4 48.5 72.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

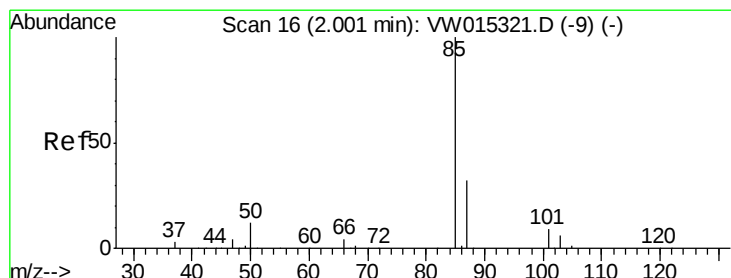
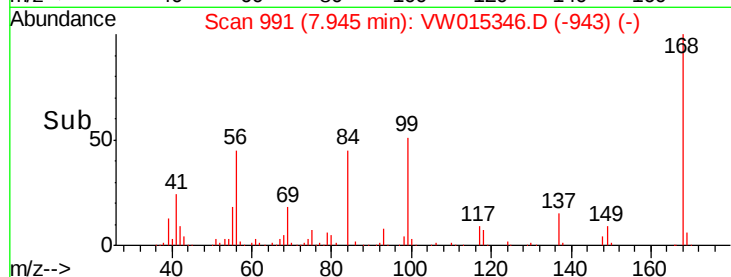
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 44.890 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015346.D

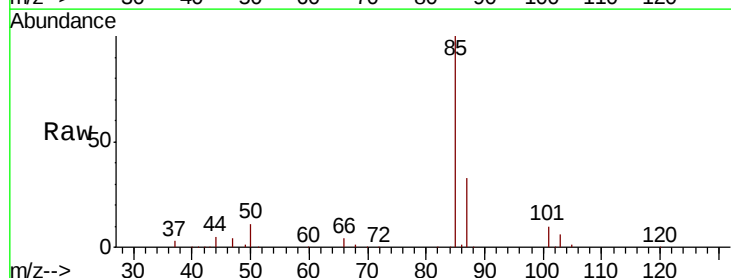
Acq: 24 Apr 2020 16:50

Tgt Ion: 85 Resp: 83498

Ion Ratio Lower Upper

85 100

87 32.7 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

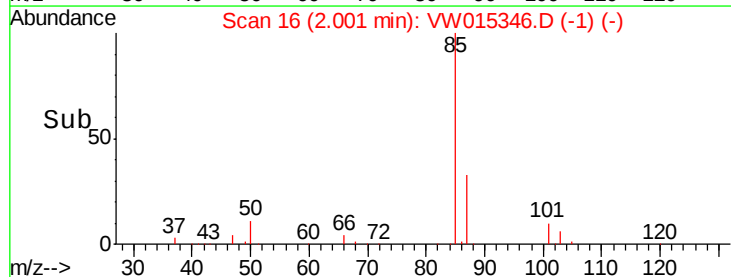
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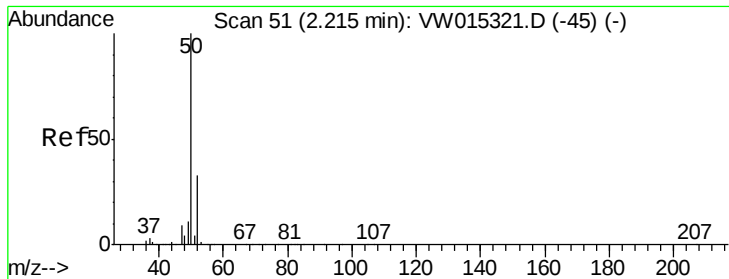
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 42.116 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 85310

Ion Ratio Lower Upper

50 100

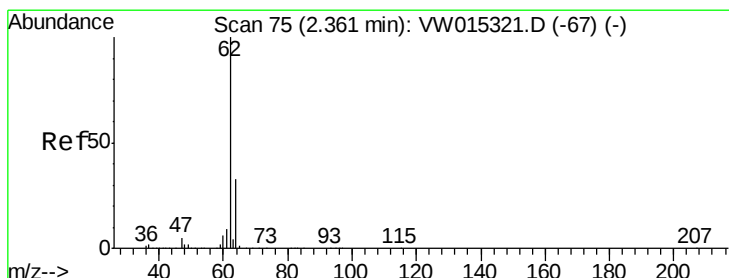
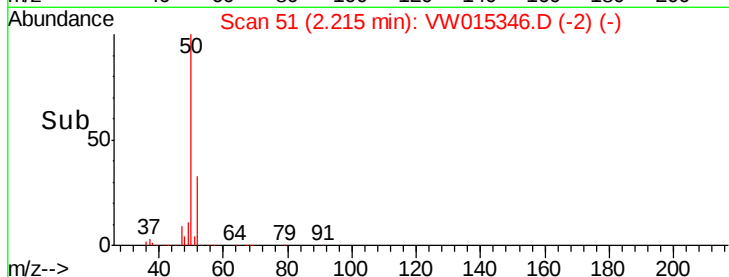
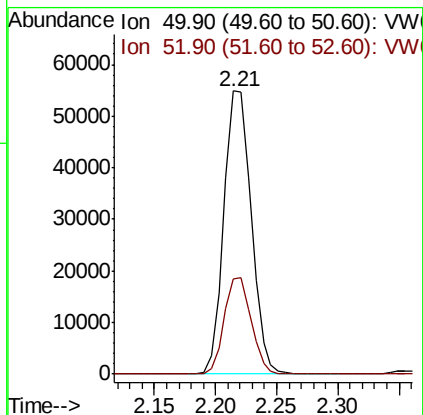
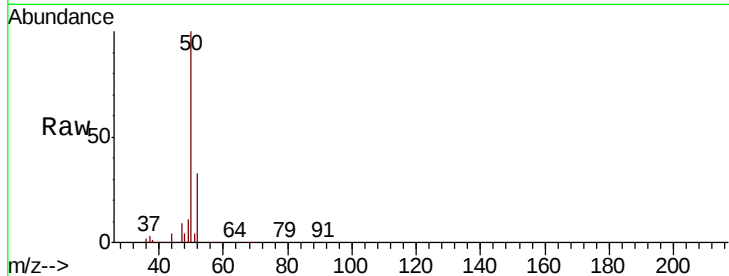
52 33.5 26.5 39.7

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#4

Vinyl Chloride

Concen: 42.214 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW015346.D

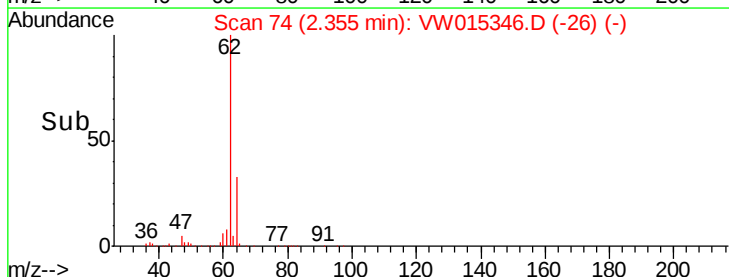
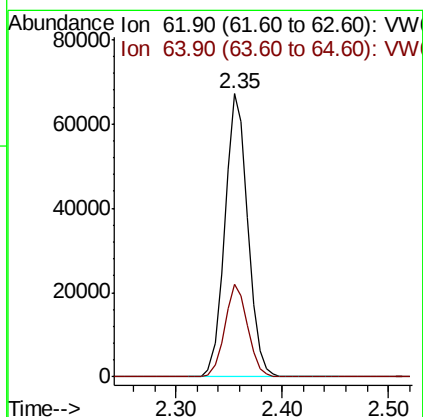
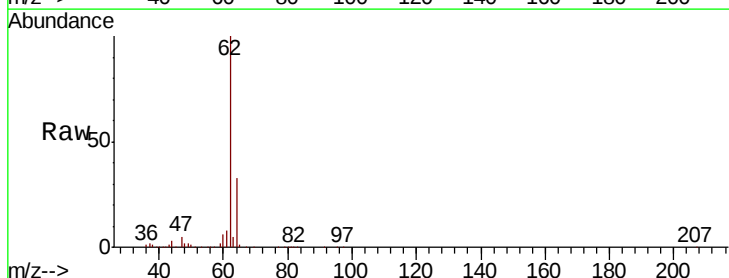
Acq: 24 Apr 2020 16:50

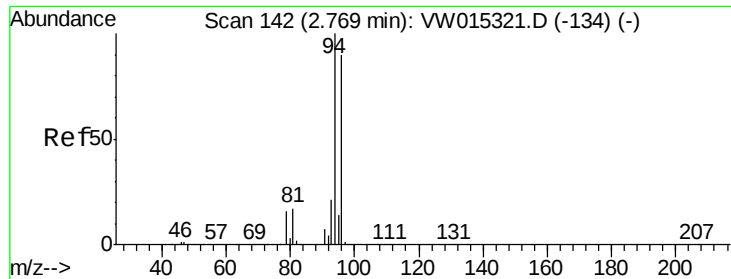
Tgt Ion: 62 Resp: 100973

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.2





#5

Bromomethane

Concen: 49.242 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 83746

Ion Ratio Lower Upper

94 100

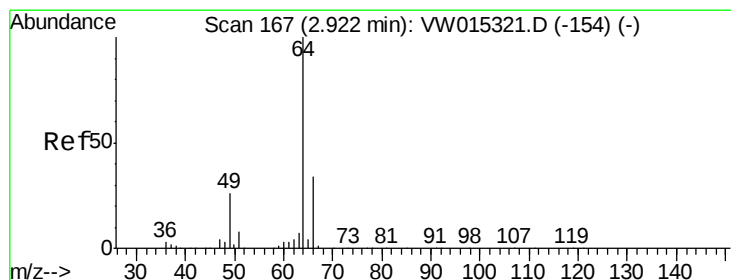
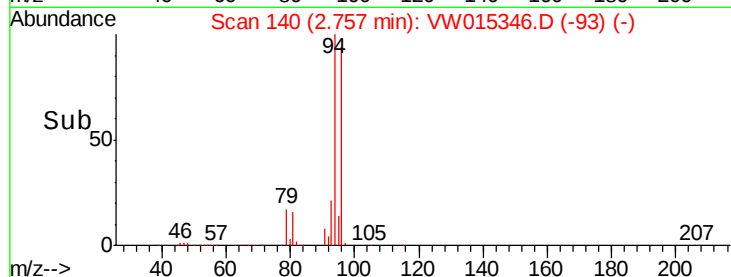
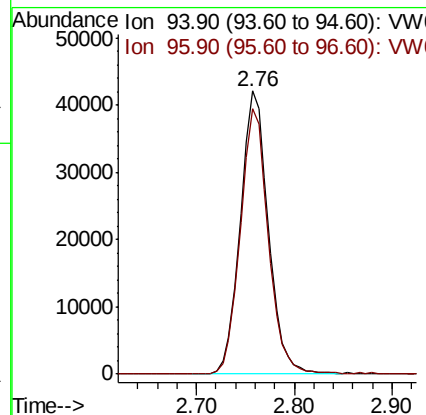
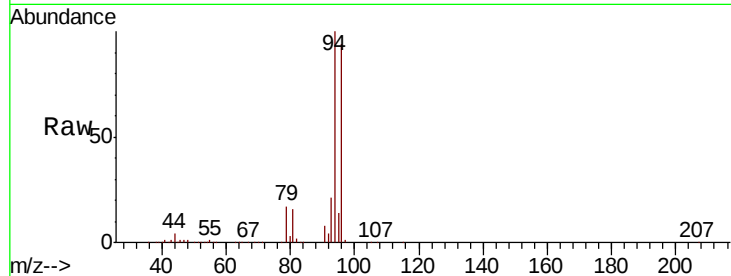
96 93.8 70.4 105.6

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#6

Chloroethane

Concen: 42.091 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015346.D

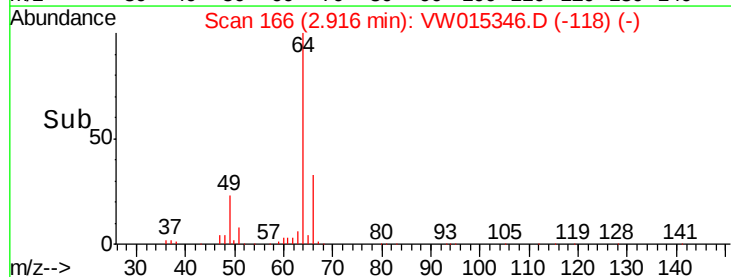
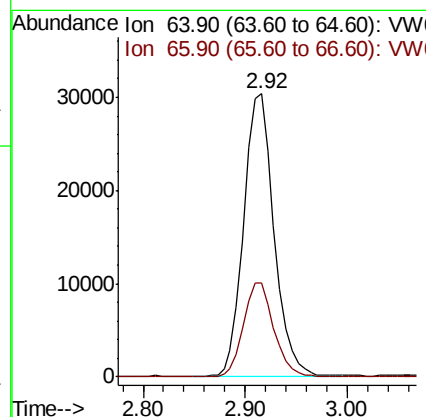
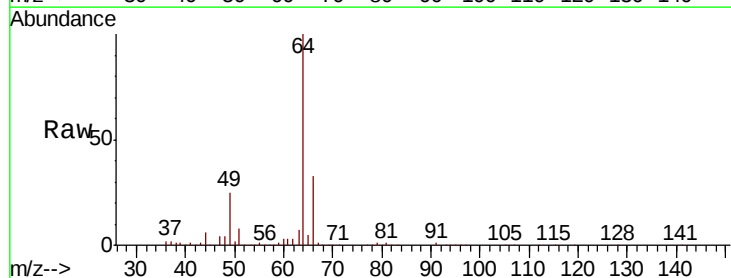
Acq: 24 Apr 2020 16:50

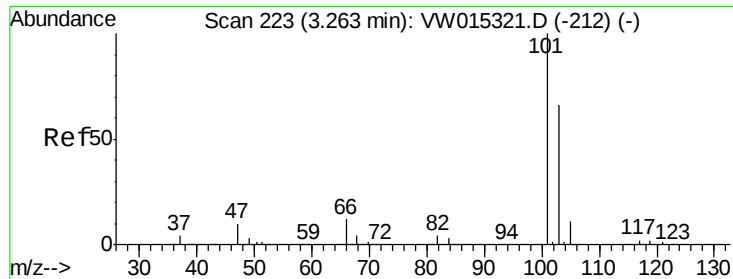
Tgt Ion: 64 Resp: 62450

Ion Ratio Lower Upper

64 100

66 33.2 25.8 38.6





#7

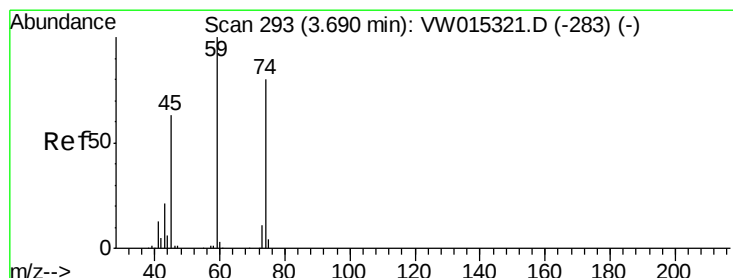
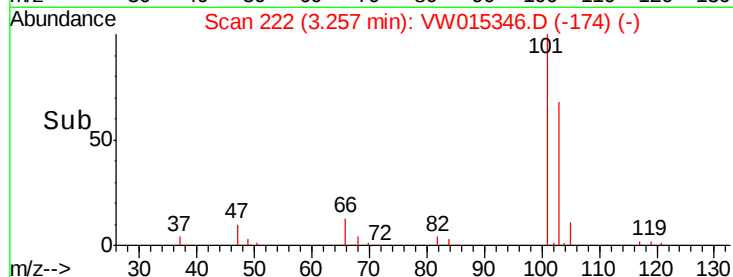
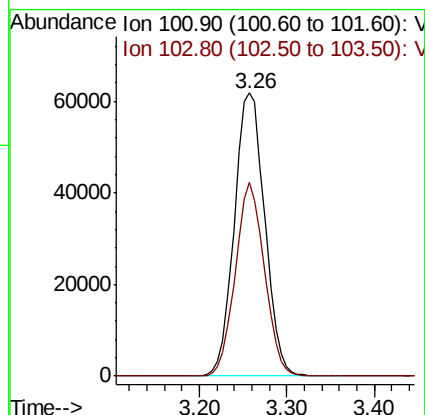
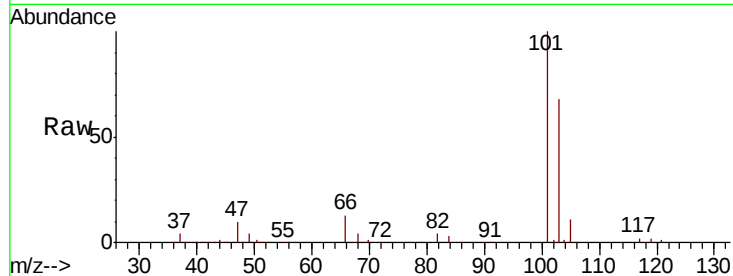
Trichlorofluoromethane
Concen: 44.267 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW015346.D
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MSVOA_W
ClientSampleId :
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Tot Ion:101 Resp: 149832
Ion Ratio Lower Upper
101 100
103 68.4 51.3 76.9

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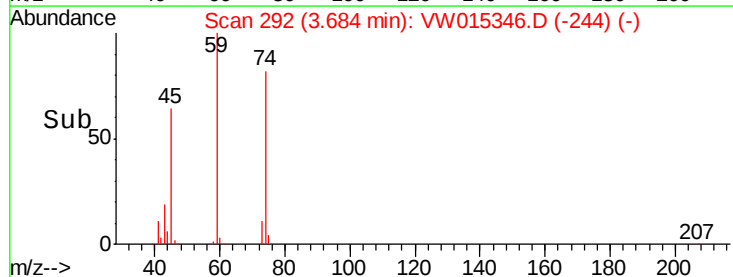
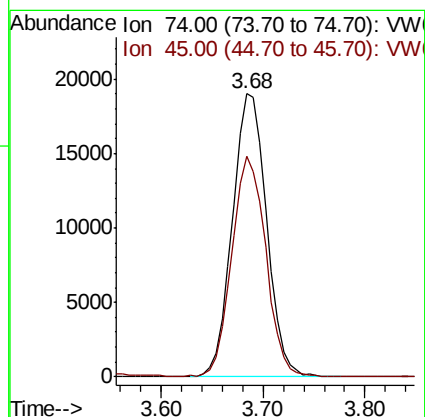
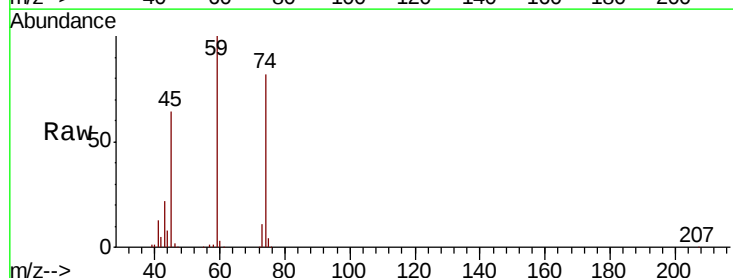
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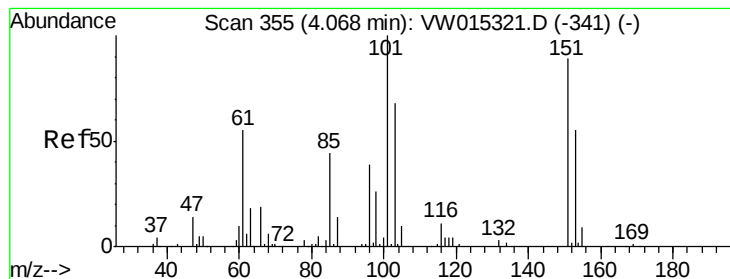


#8

Diethyl Ether
Concen: 46.535 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 74 Resp: 44211
Ion Ratio Lower Upper
74 100
45 77.4 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.623 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

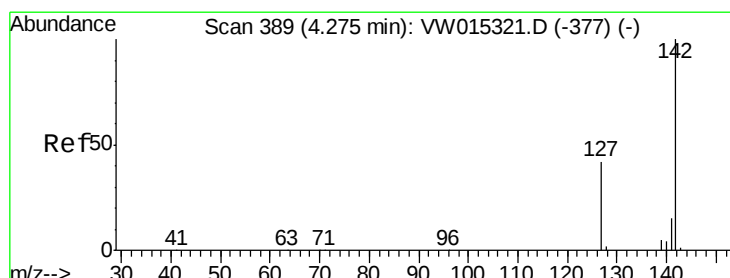
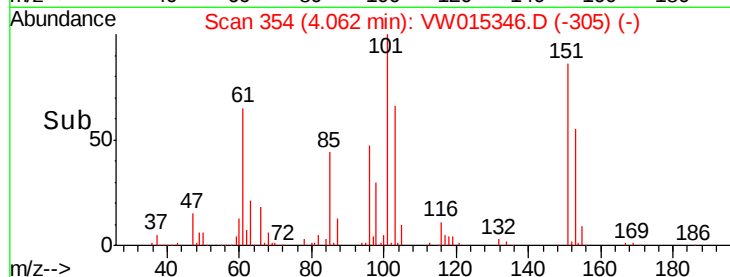
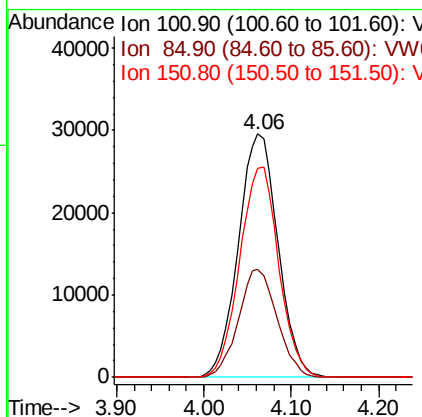
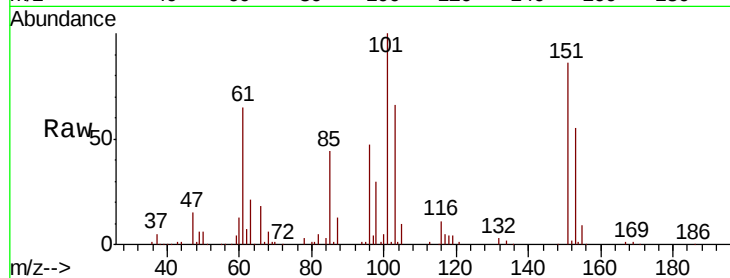
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	93141
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.3	52.9
151	84.9	59.3	88.9

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#10

Methyl Iodide

Concen: 46.477 ug/l

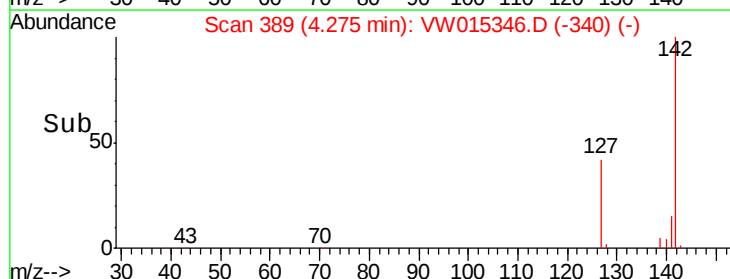
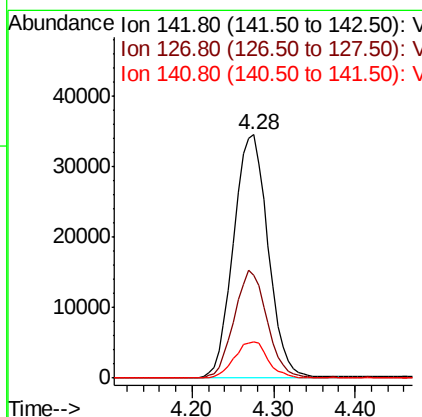
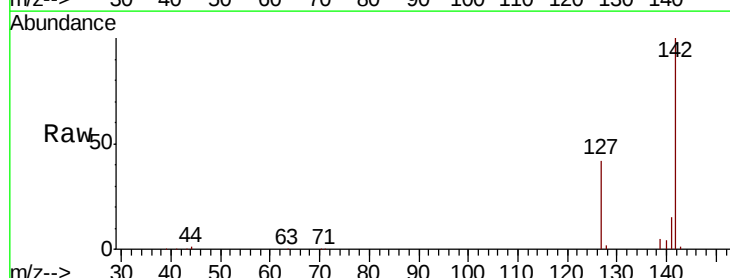
RT: 4.28 min Scan# 389

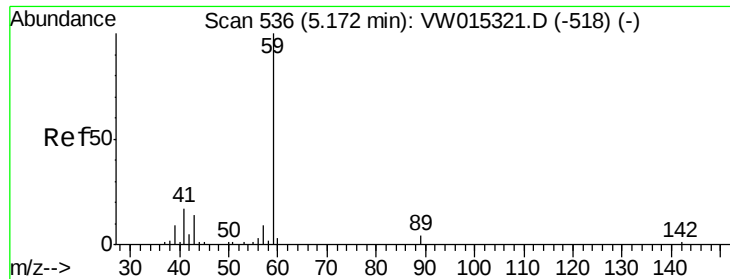
Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Tgt Ion:	142	Resp:	101892
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.9	50.9
141	14.5	11.4	17.2





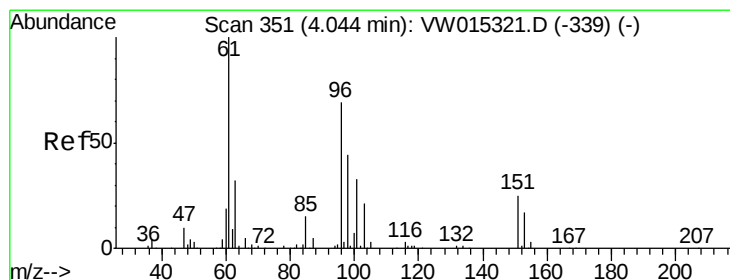
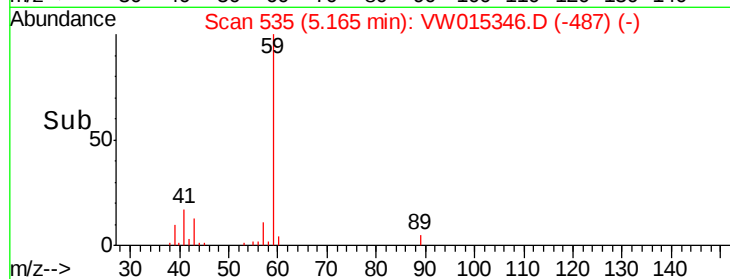
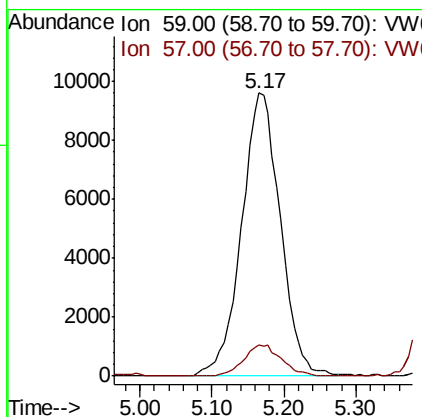
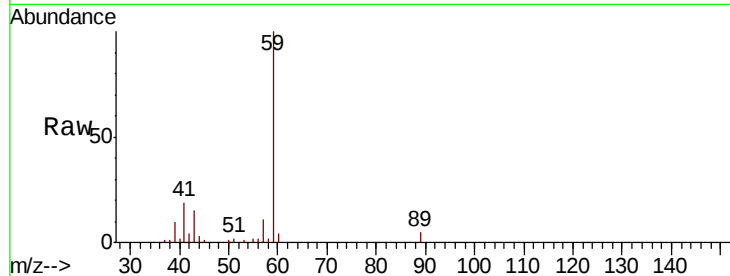
#11
Tert butyl alcohol
Concen: 228.688 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	35907
Ion Ratio	100	Lower	Upper
57	10.7	8.4	12.6

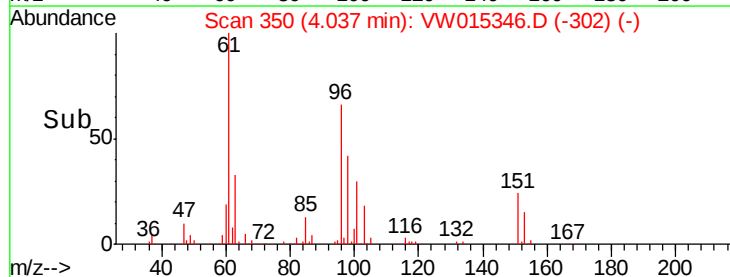
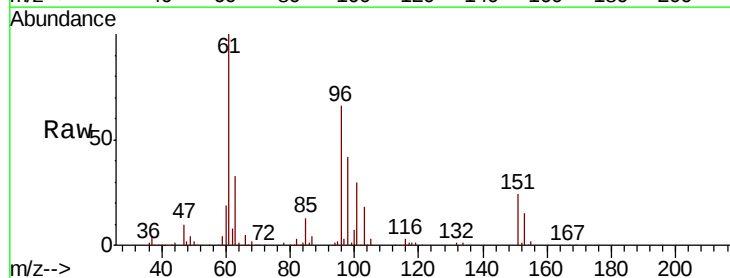
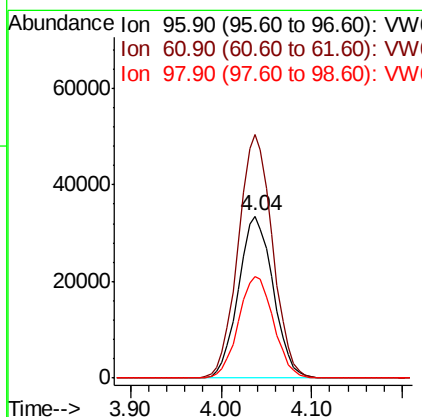
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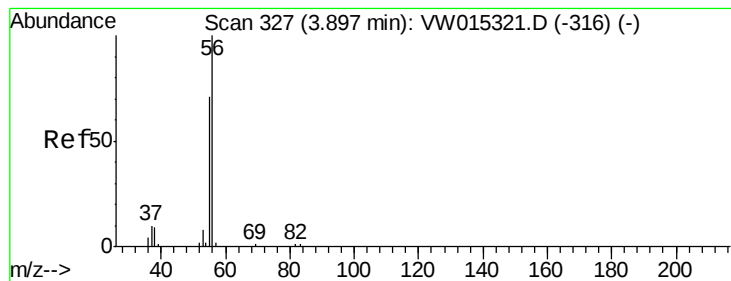
apatel
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#12
1,1-Dichloroethene
Concen: 44.300 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	96	Resp	89001
Ion Ratio	100	Lower	Upper
61	150.4	127.0	190.4
98	62.9	51.0	76.4





#13

Acrolein

Concen: 209.661 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 17230

Ion Ratio Lower Upper

56 100

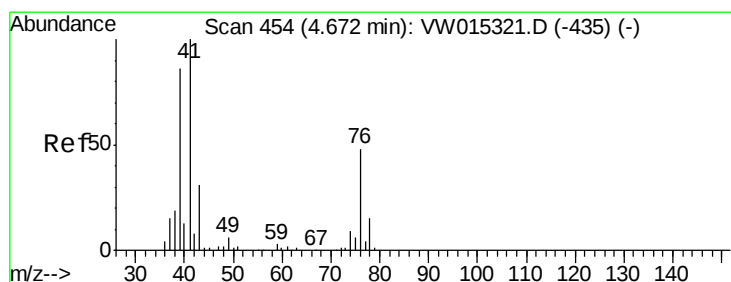
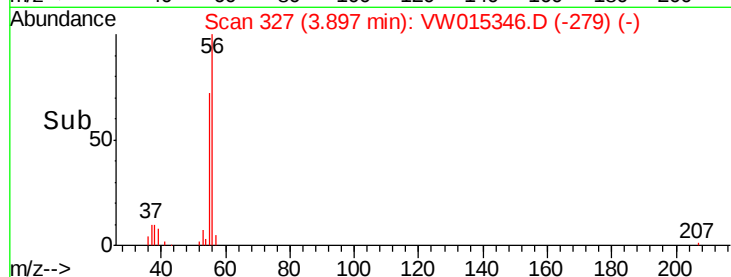
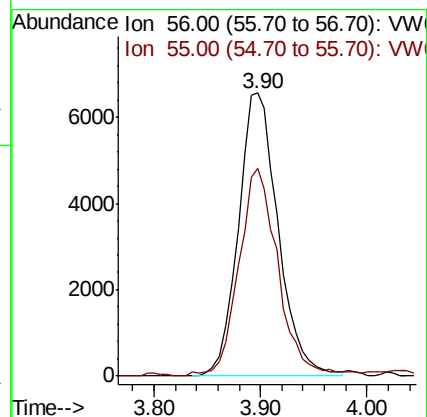
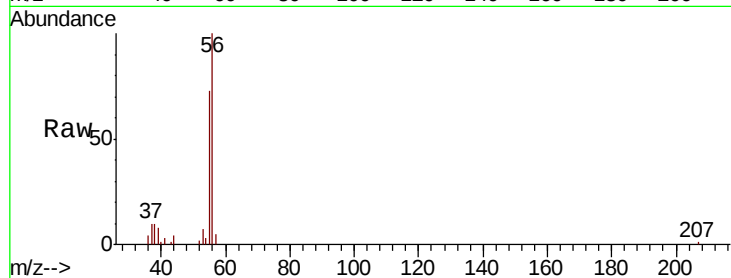
55 72.6 56.2 84.2

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4/27/2020 2:28:10 PM



#14

Allyl chloride

Concen: 42.802 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

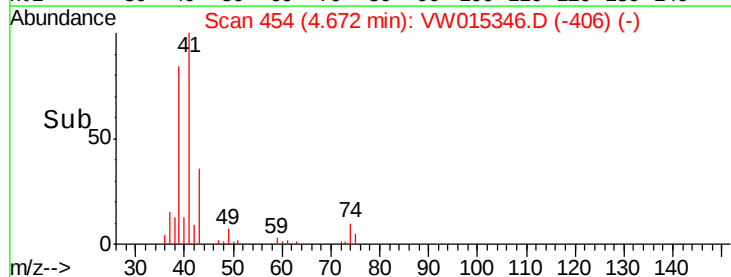
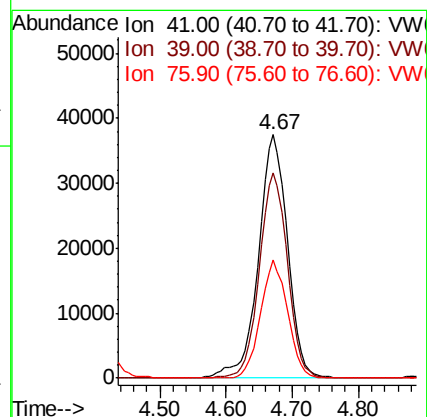
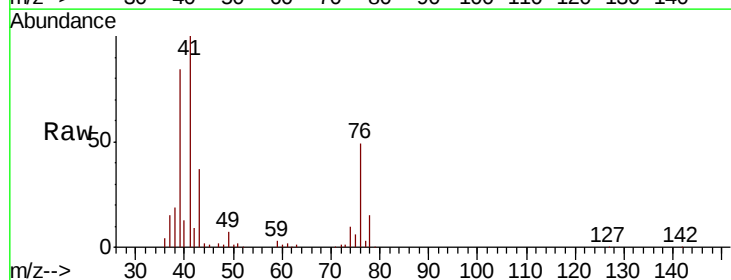
Tgt Ion: 41 Resp: 114079

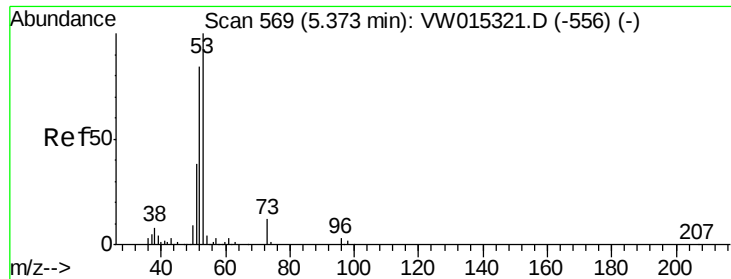
Ion Ratio Lower Upper

41 100

39 82.0 54.0 81.0#

76 45.4 31.8 47.6





#15

Acrylonitrile

Concen: 235.452 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

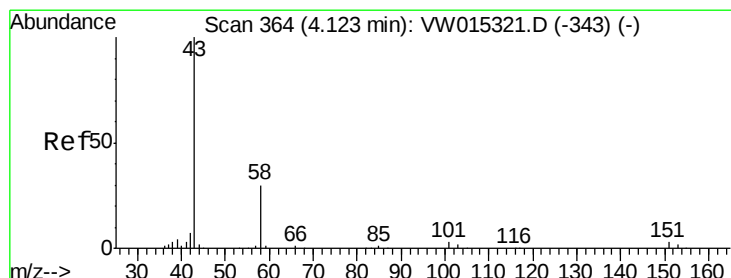
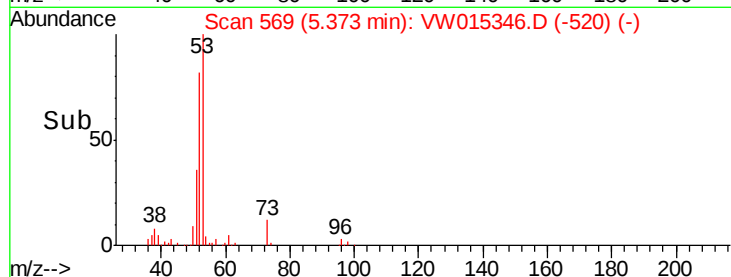
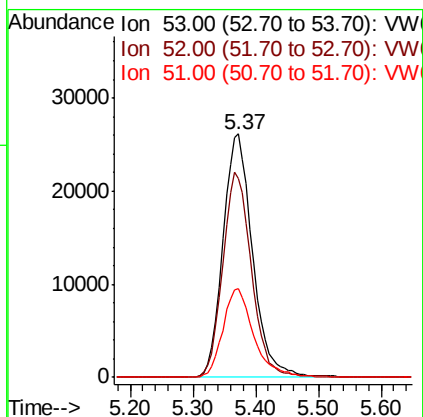
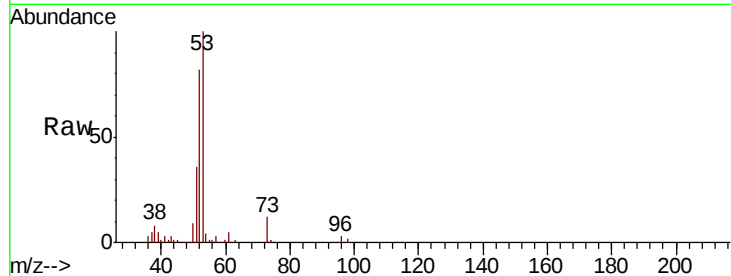
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	85127
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.2	97.8
51	37.9	28.2	42.4

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#16

Acetone

Concen: 212.011 ug/l

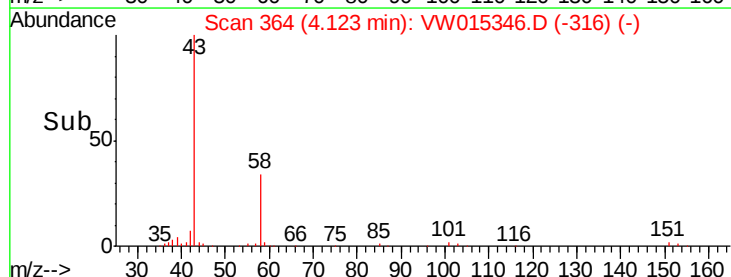
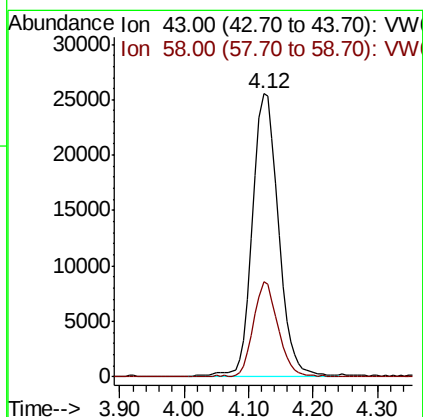
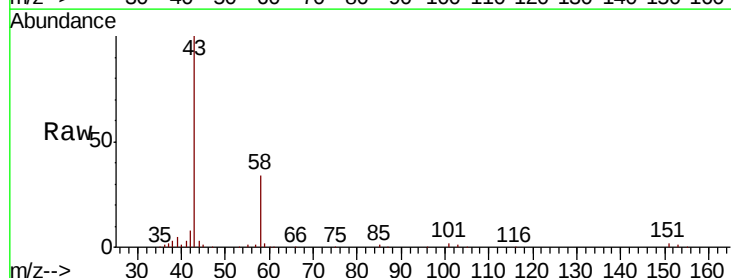
RT: 4.12 min Scan# 364

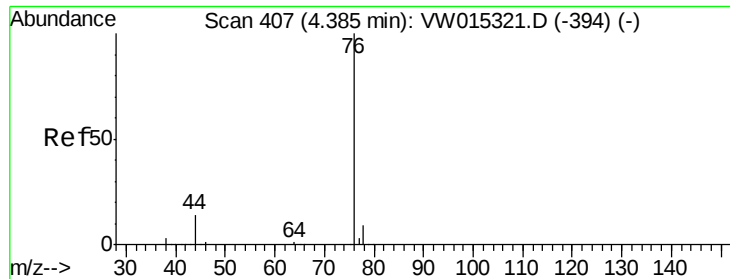
Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Tgt Ion:	43	Resp:	71326
Ion Ratio	Lower	Upper	
43	100		
58	33.7	27.0	40.4





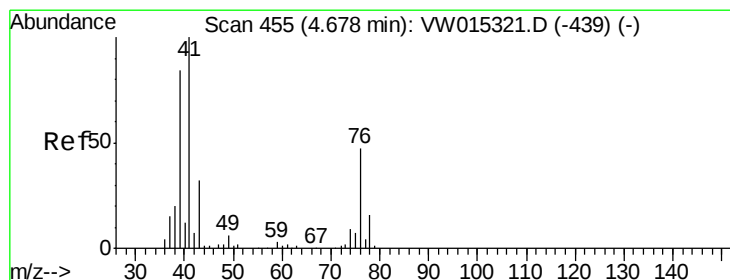
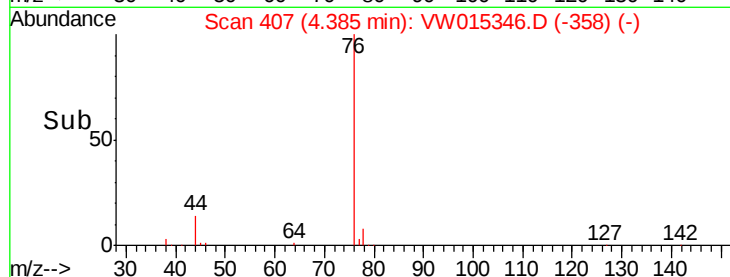
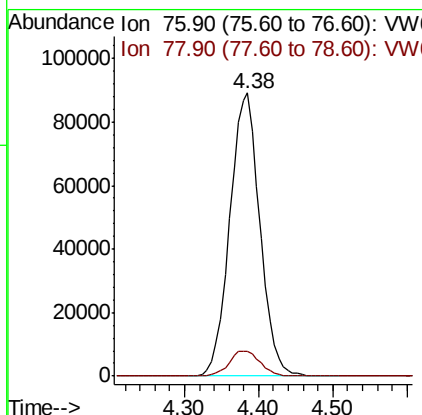
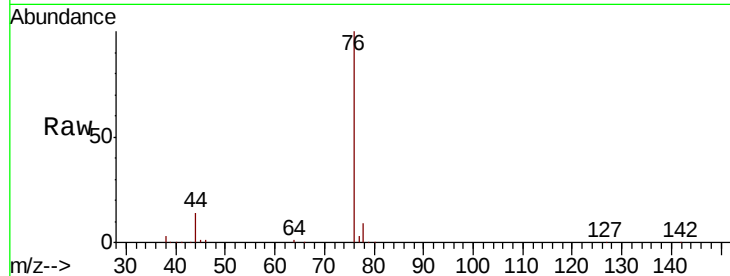
#17
Carbon Disulfide
Concen: 42.147 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 251631
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

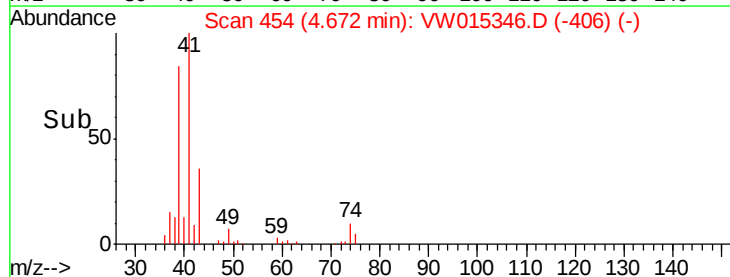
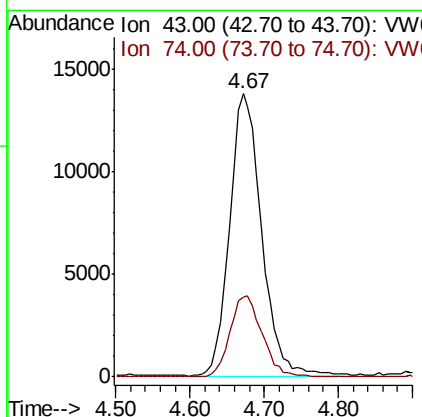
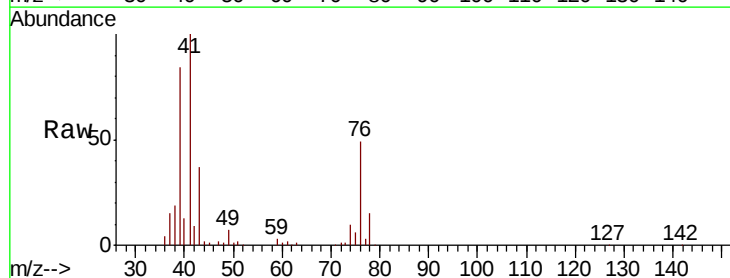
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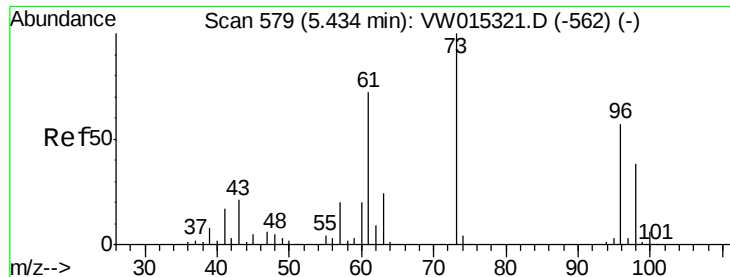
apatel
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#18
Methyl Acetate
Concen: 47.005 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 43 Resp: 41859
Ion Ratio Lower Upper
43 100
74 28.5 20.6 31.0





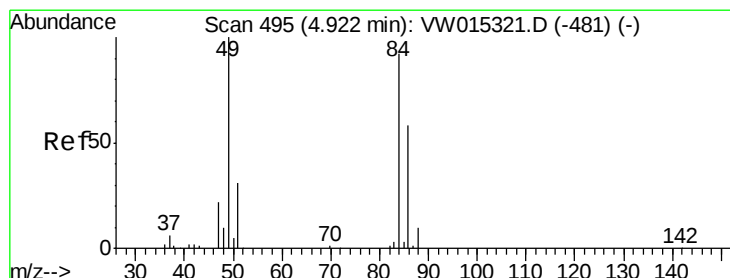
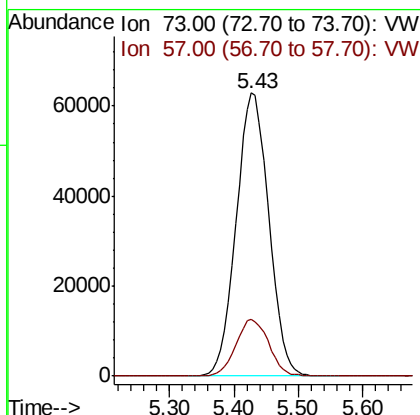
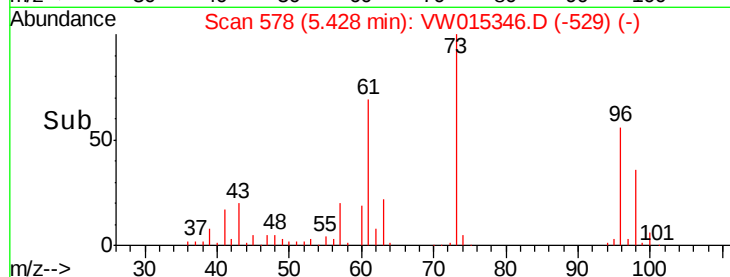
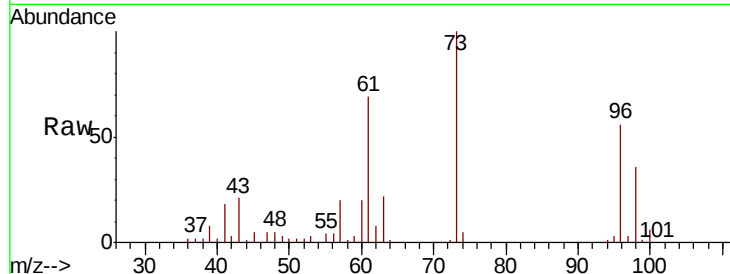
#19
Methvl tert-butvl Ether
Concen: 47.635 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 219692
Ion Ratio Lower Upper
73 100
57 20.2 17.8 26.6

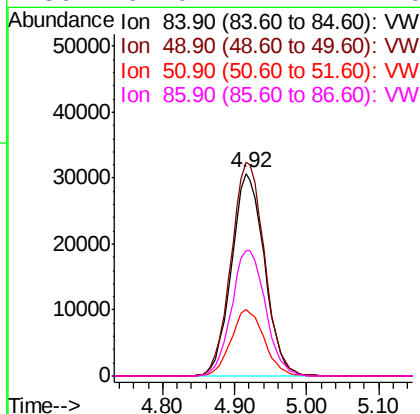
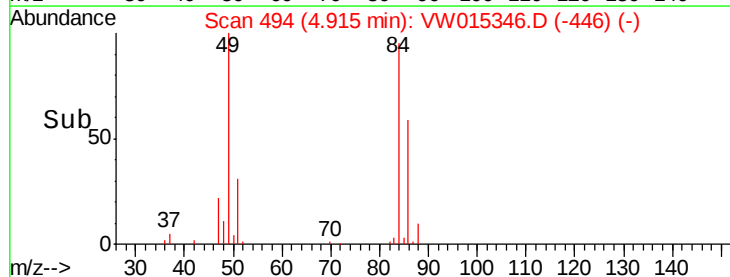
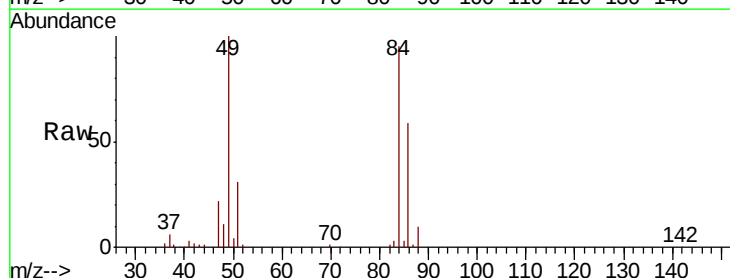
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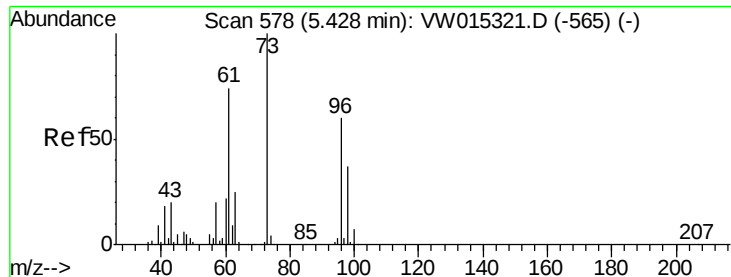
apatel
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#20
Methylene Chloride
Concen: 44.323 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 84 Resp: 97726
Ion Ratio Lower Upper
84 100
49 105.5 95.4 143.0
51 33.2 29.8 44.8
86 62.0 47.4 71.0





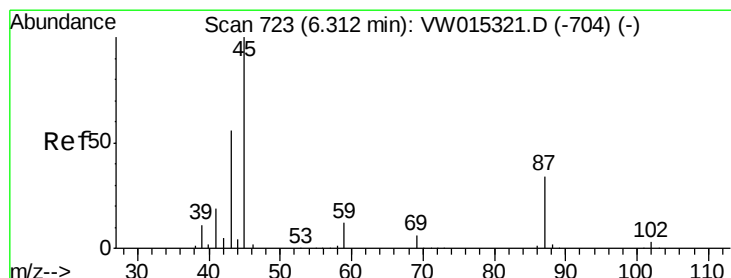
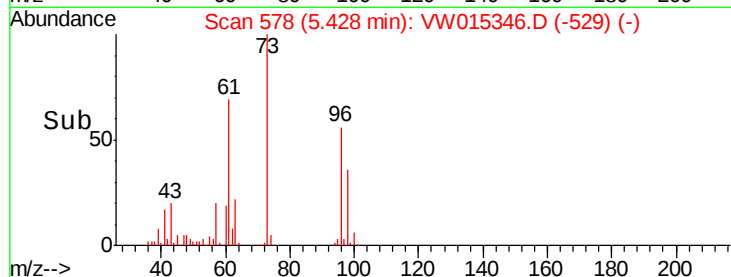
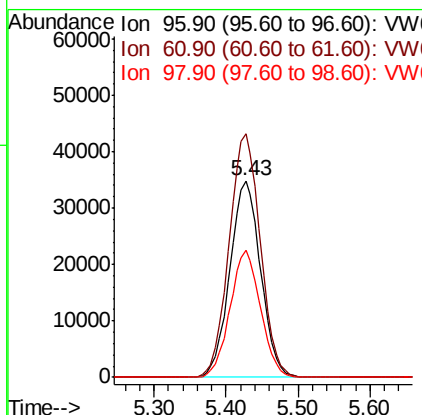
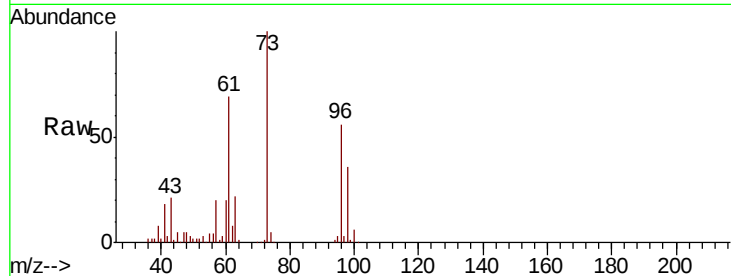
#21
trans-1,2-Dichloroethene
Concen: 45.267 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.7	107.8	161.6
98	64.8	50.2	75.2

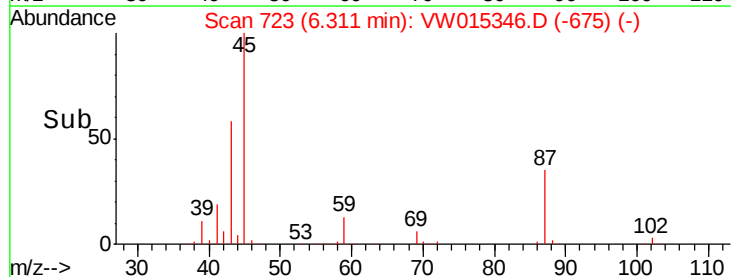
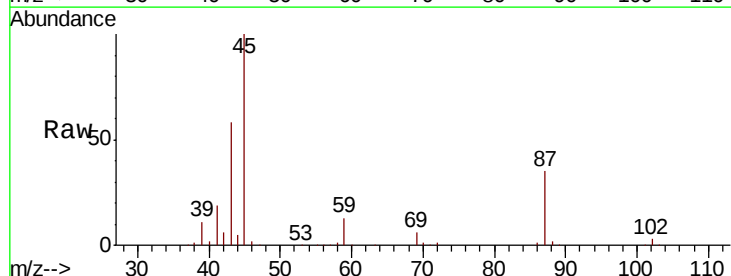
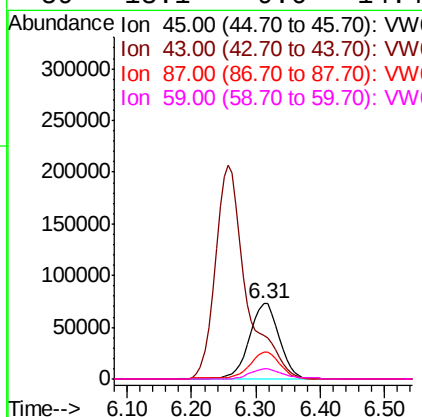
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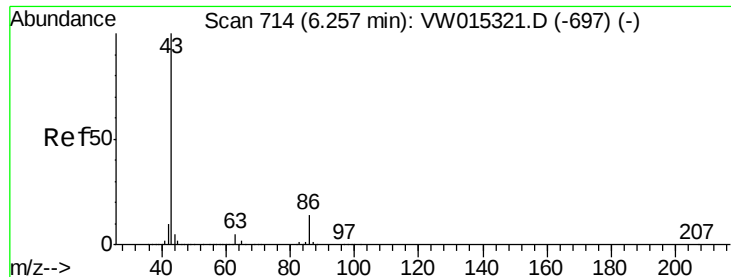
apatel
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#22
Diisopropyl ether
Concen: 45.315 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.7	41.8	62.6
87	35.2	23.2	34.8#
59	13.1	9.6	14.4





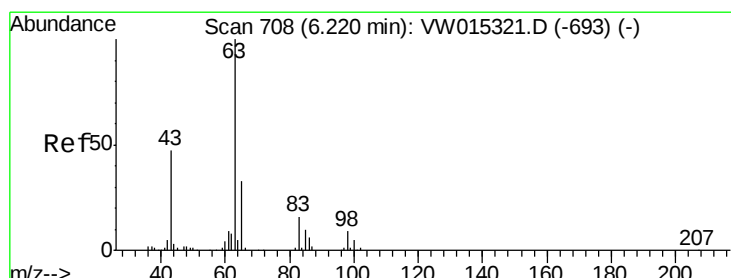
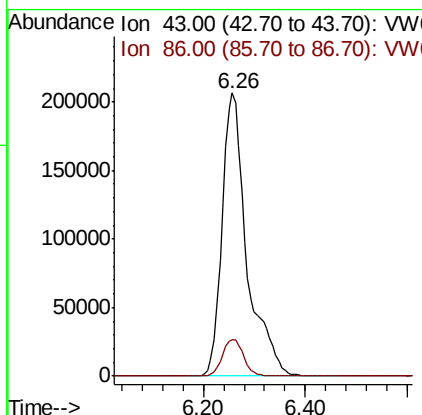
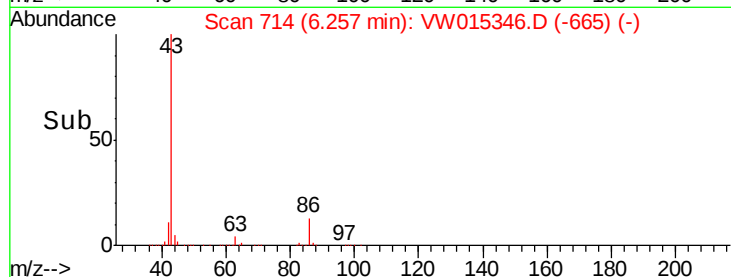
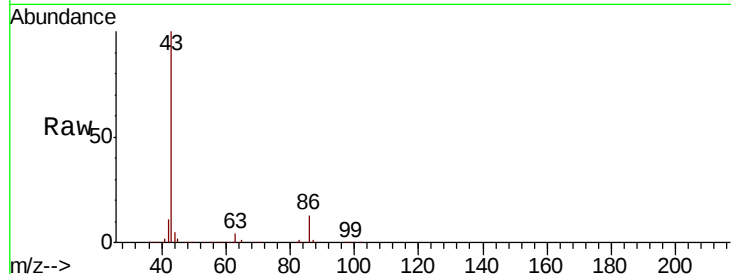
#23
 Vinyl Acetate
 Concen: 232.316 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100	697051		
86	13.0		9.1	13.7

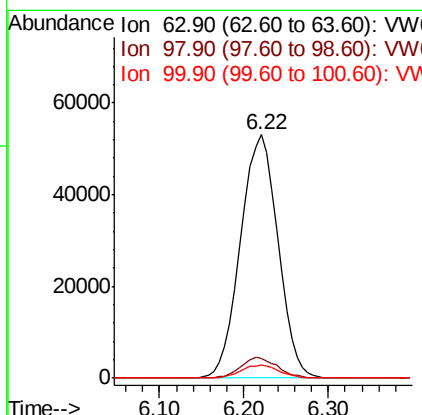
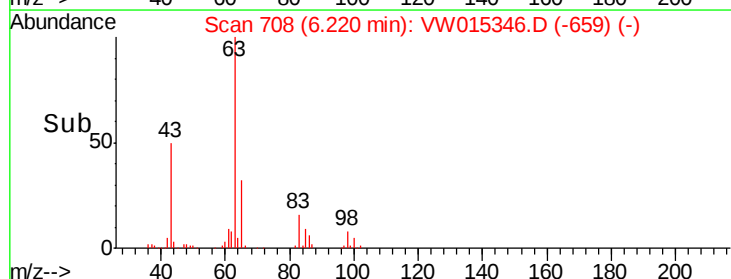
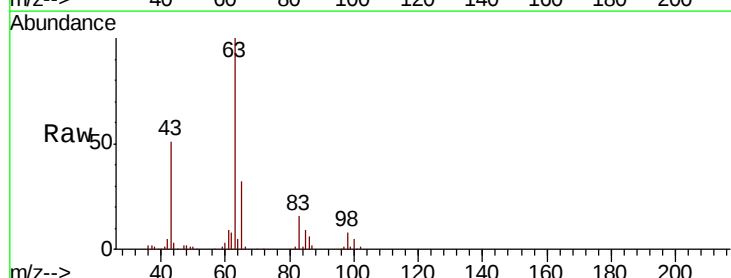
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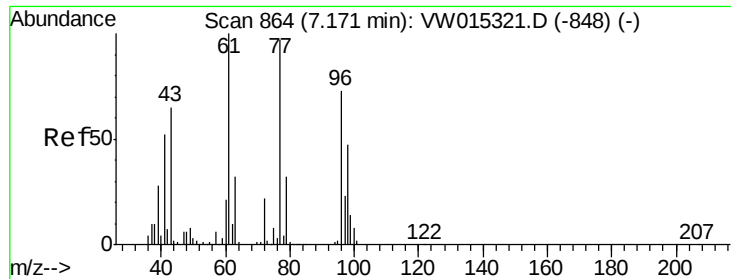
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#24
 1,1-Dichloroethane
 Concen: 45.344 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	160678		
98	8.1		3.6	10.9
100	5.3		2.4	7.2





#25

2-Butanone

Concen: 233.692 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 104308

Ion Ratio Lower Upper

43 100

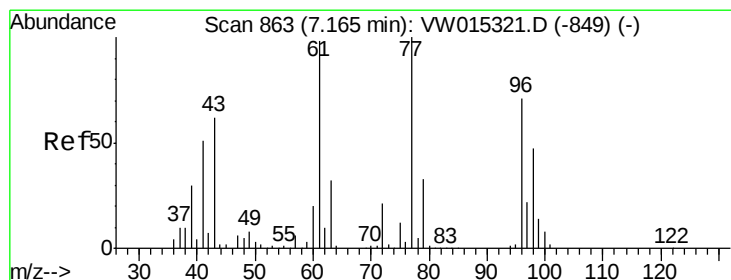
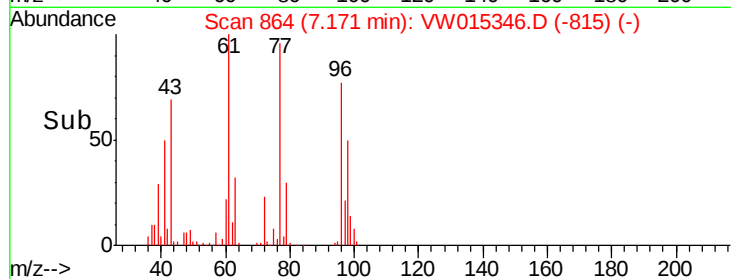
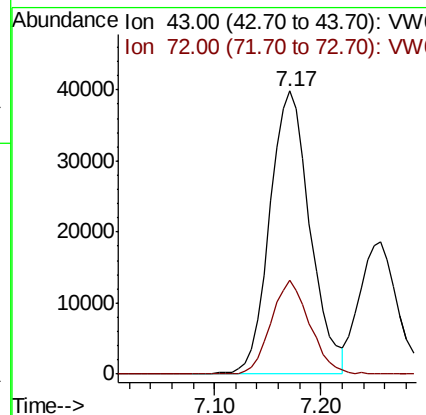
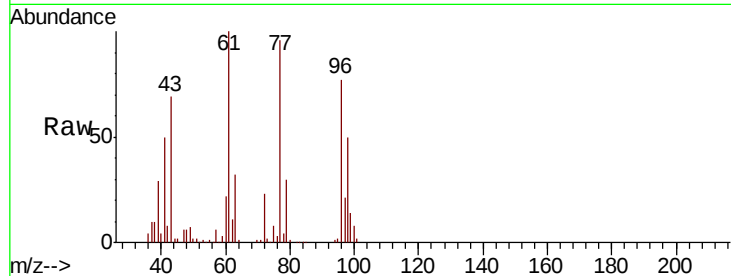
72 33.1 21.6 32.4#

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#26

2,2-Dichloropropane

Concen: 43.197 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015346.D

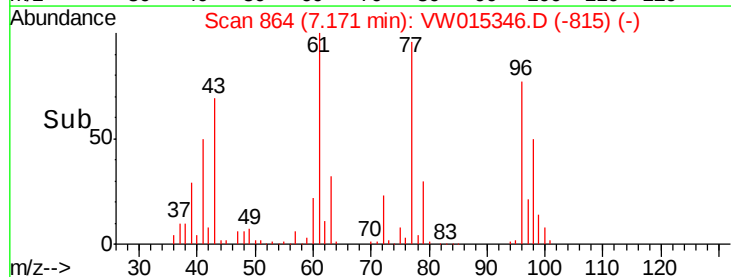
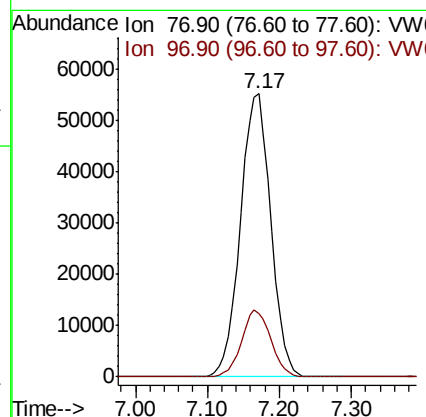
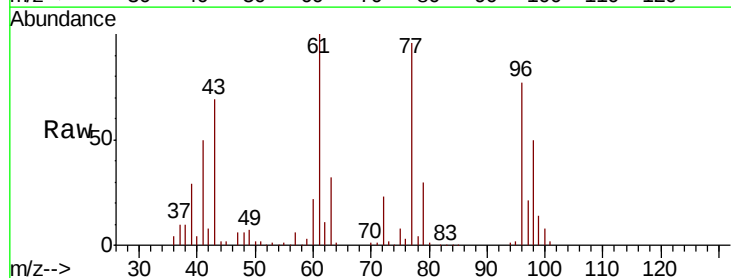
Acq: 24 Apr 2020 16:50

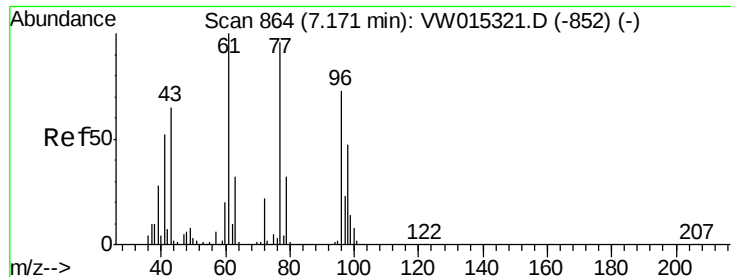
Tgt Ion: 77 Resp: 161036

Ion Ratio Lower Upper

77 100

97 22.8 11.9 35.5





#27

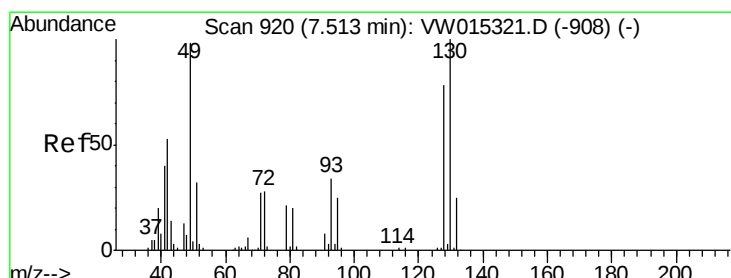
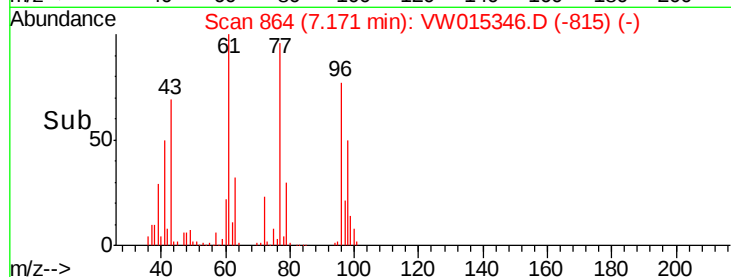
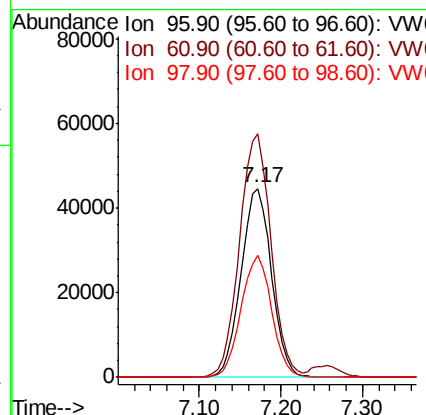
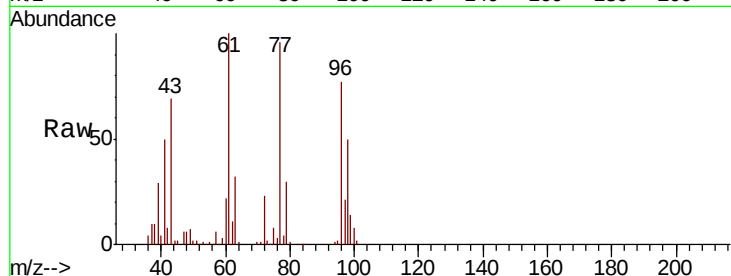
cis-1,2-Dichloroethene
Concen: 47.041 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	115716		
61	132.9		0.0	275.0
98	64.7		0.0	130.8

Manual Integrations
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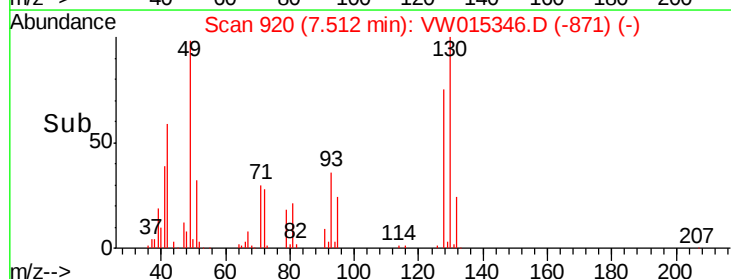
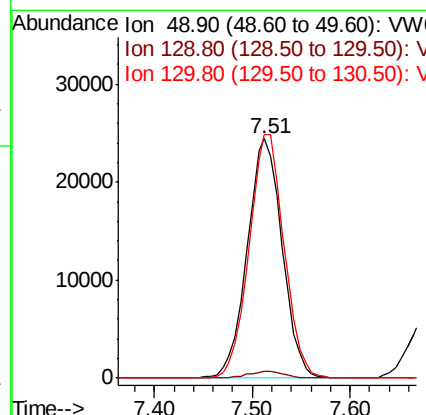
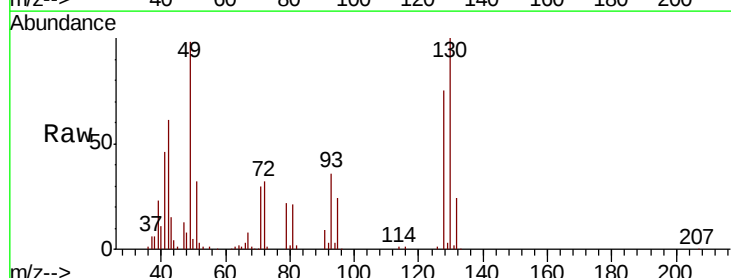
apatel
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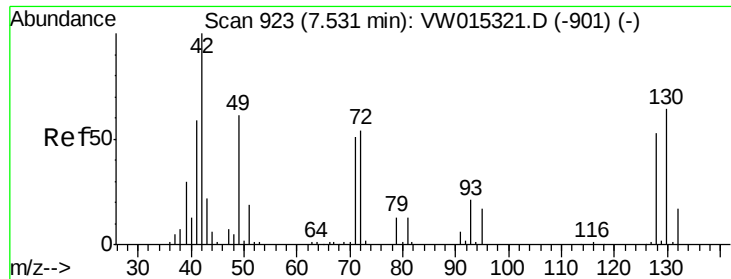


#28

Bromochloromethane
Concen: 47.078 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	60654		
129	2.8		0.0	4.6
130	101.7		60.9	91.3#





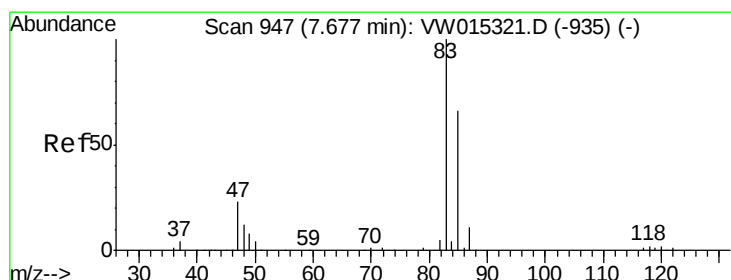
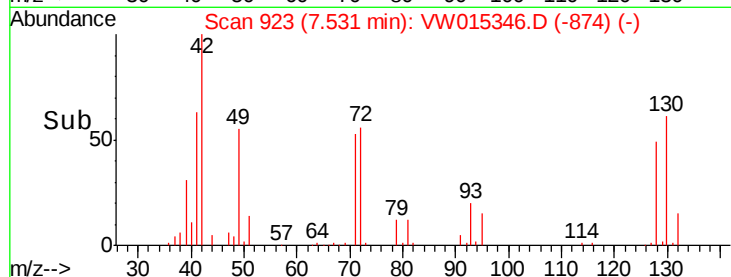
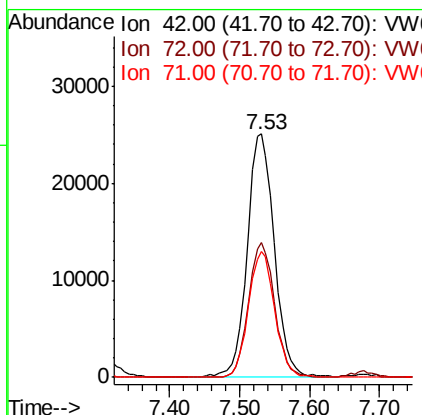
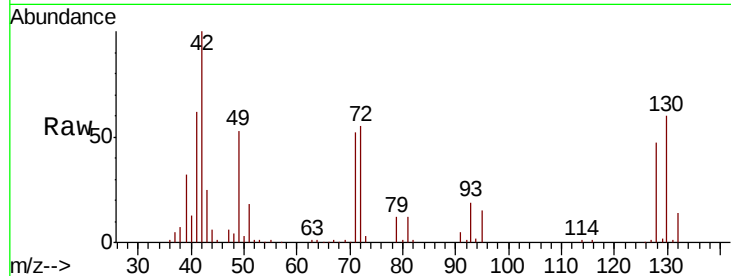
#29
Tetrahydrofuran
Concen: 243.277 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.4	36.2	54.2
71	49.9	34.2	51.4

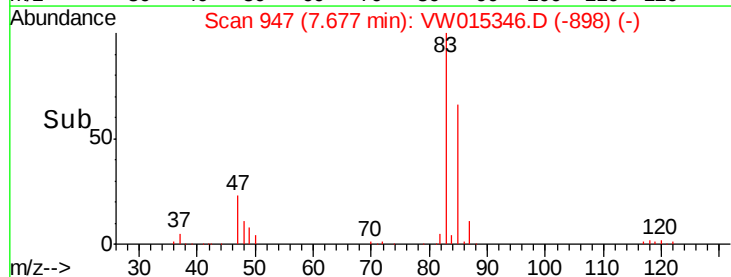
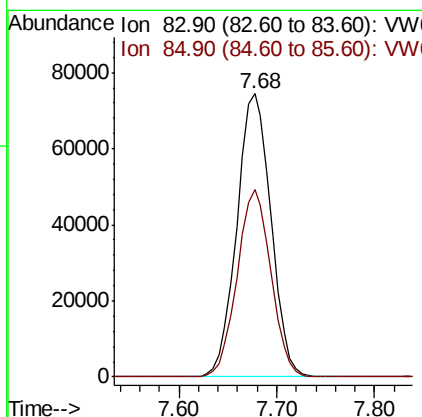
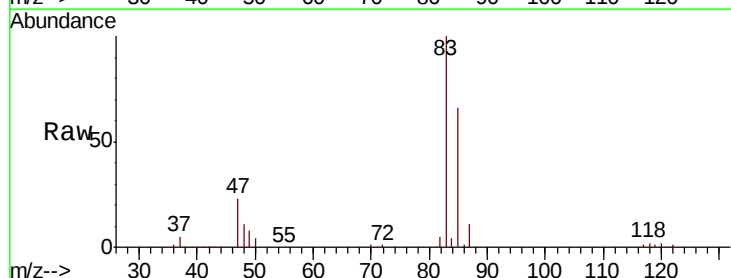
Manual Integrations
APPROVED

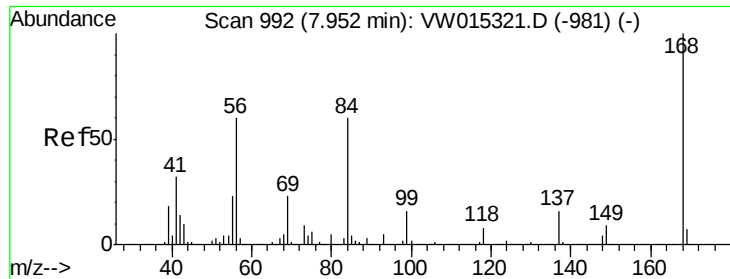
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#30
Chloroform
Concen: 47.182 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.9	76.3





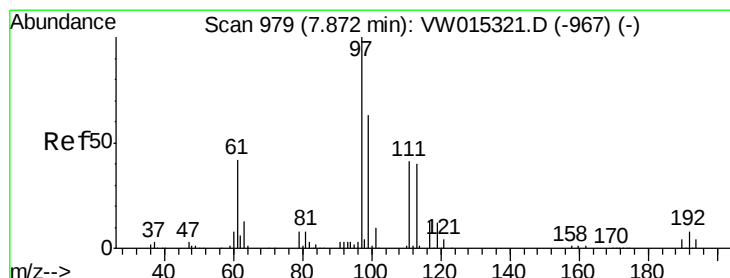
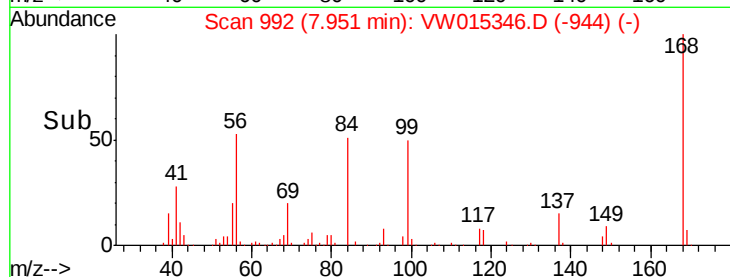
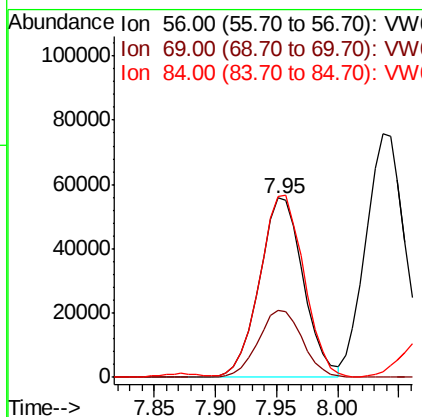
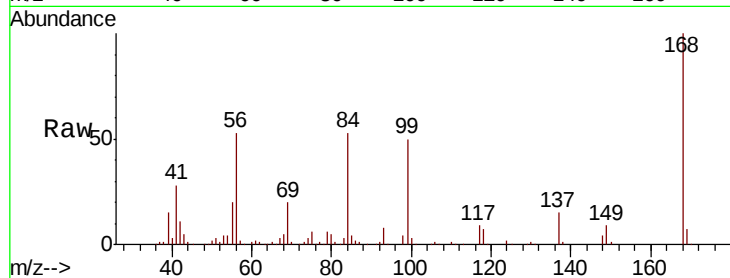
#31
Cyclohexane
Concen: 39.269 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.4	27.1	40.7
84	99.1	71.9	107.9

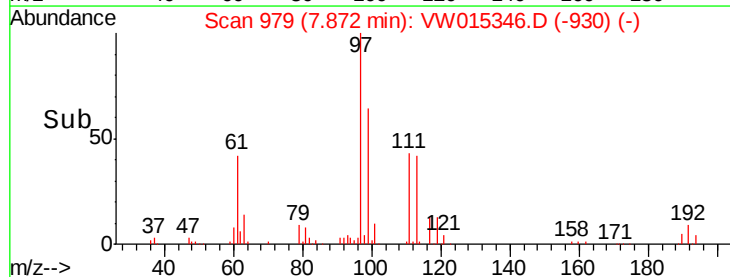
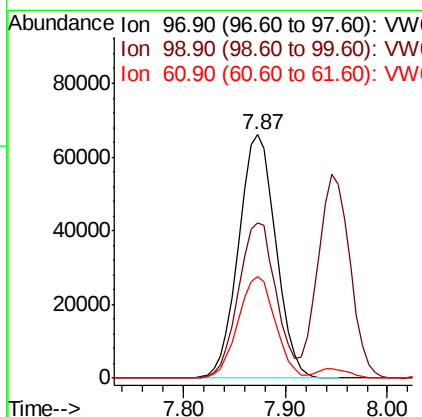
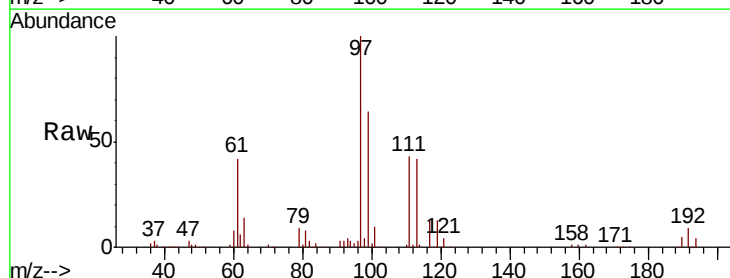
Manual Integrations
APPROVED

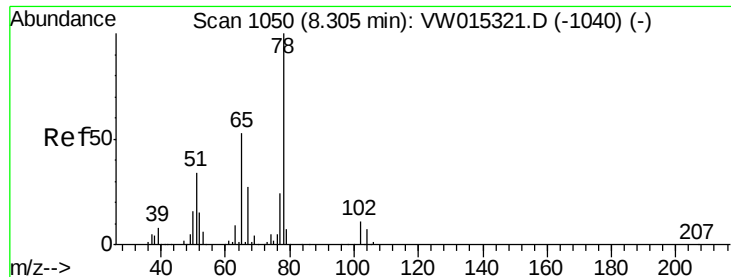
apatel
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#32
1,1,1-Trichloroethane
Concen: 45.382 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.2	78.2
61	41.9	34.2	51.2





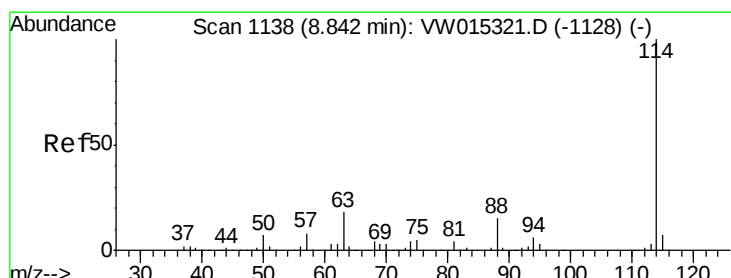
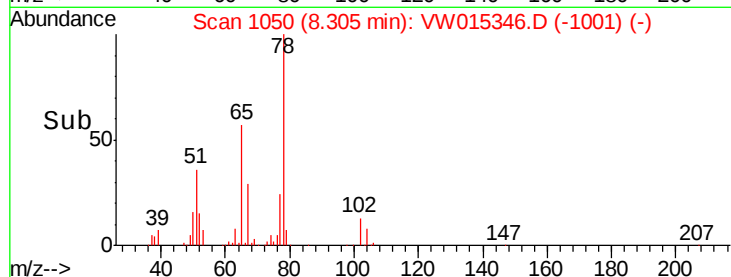
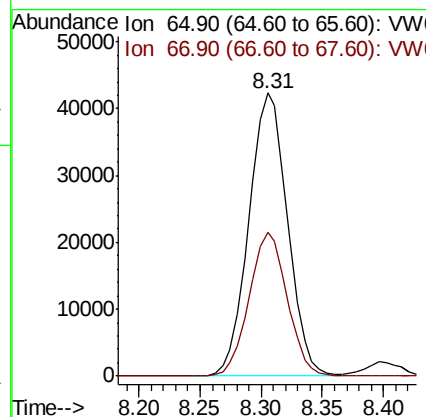
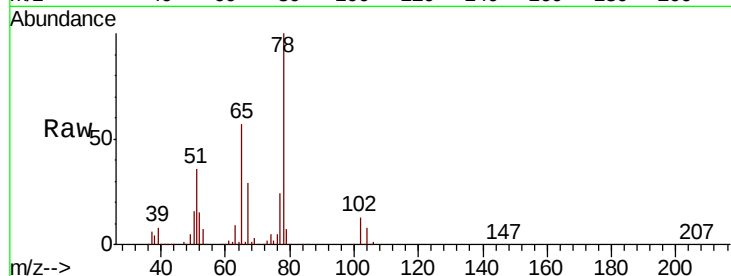
#33
 1,2-Dichloroethane-d4
 Concen: 48.382 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	107.0

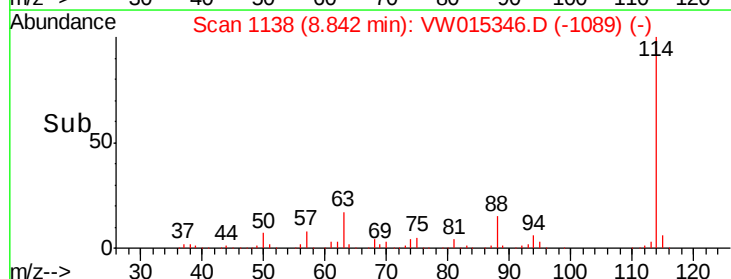
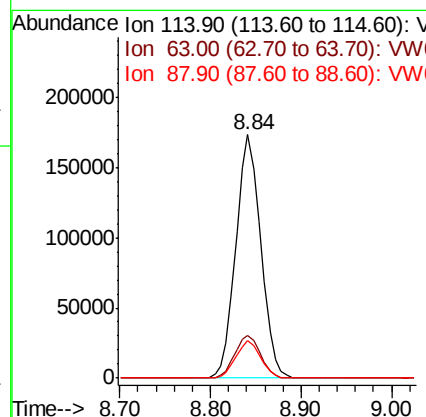
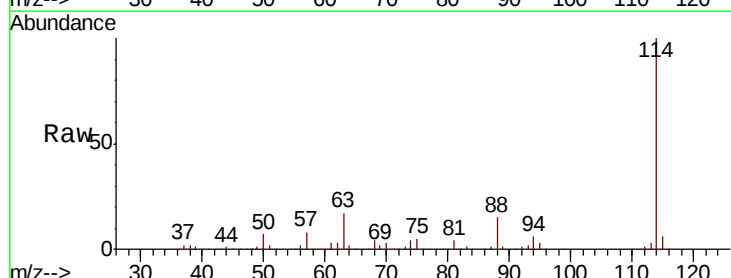
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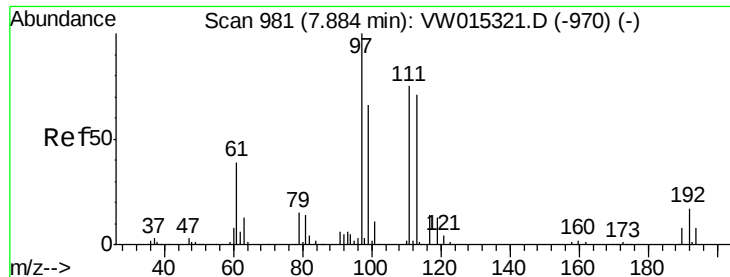
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	39.8
88	15.2	0.0	30.2





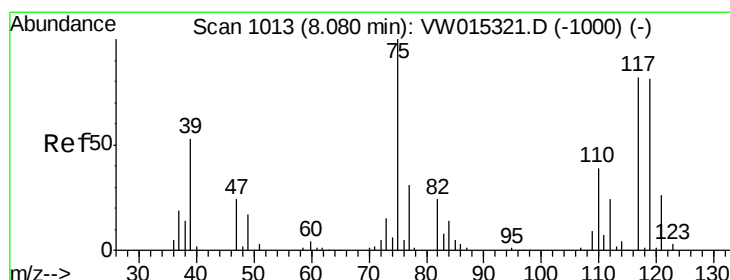
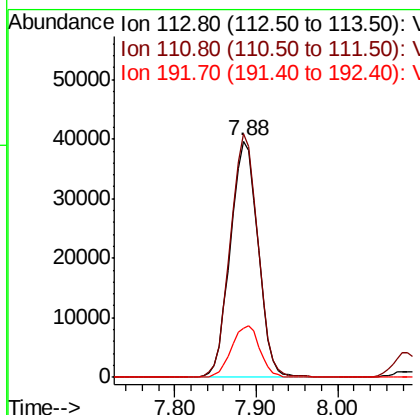
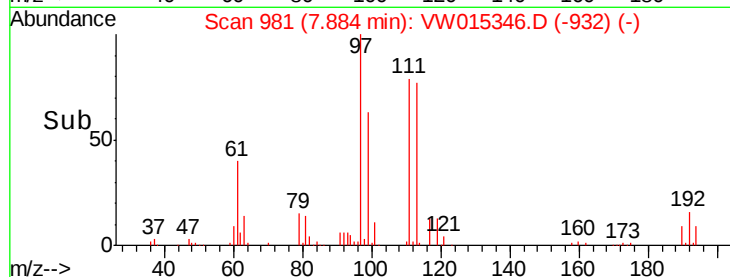
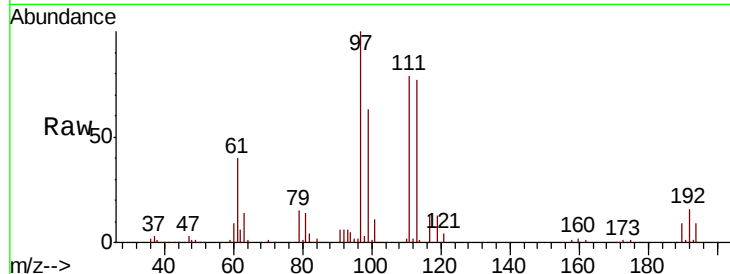
#35
 Dibromofluoromethane
 Concen: 50.589 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	22.2	15.1	22.7

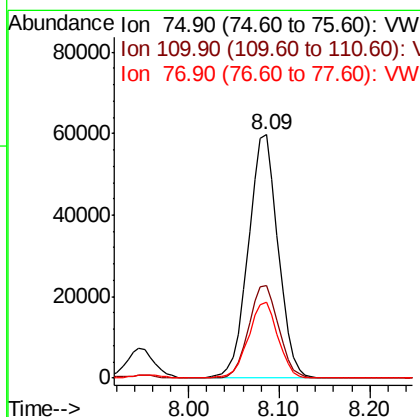
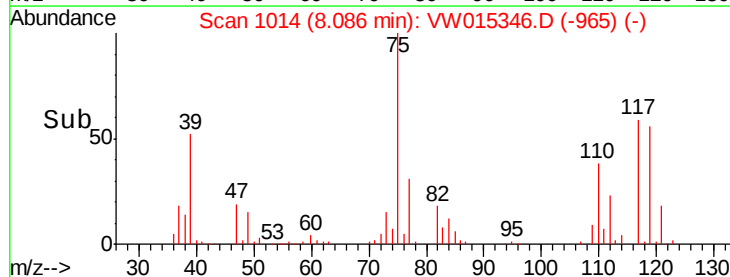
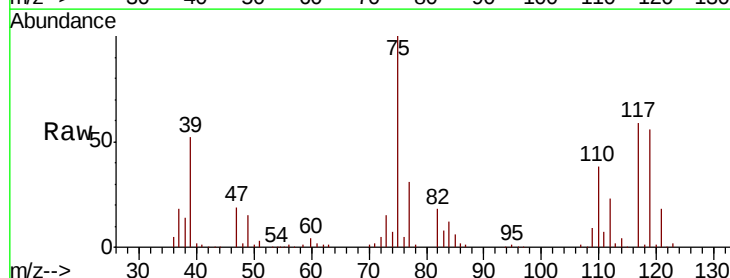
Manual Integrations
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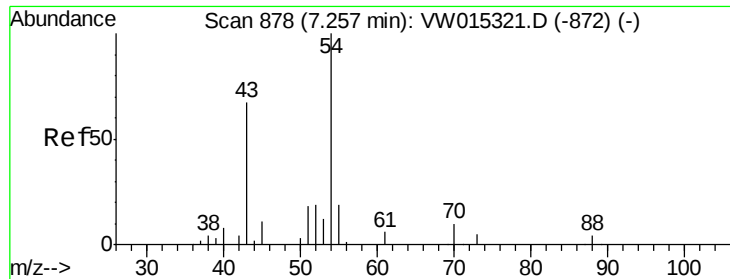
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#36
 1,1-Dichloropropene
 Concen: 45.332 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.2	54.6
77	31.0	24.5	36.7





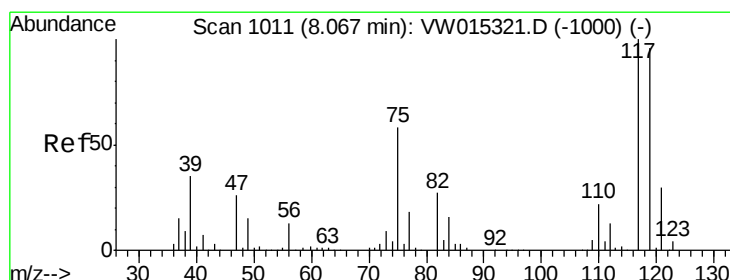
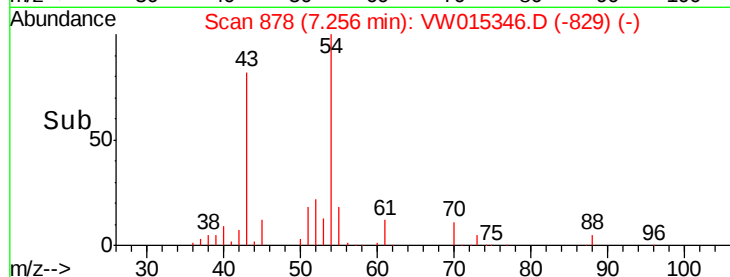
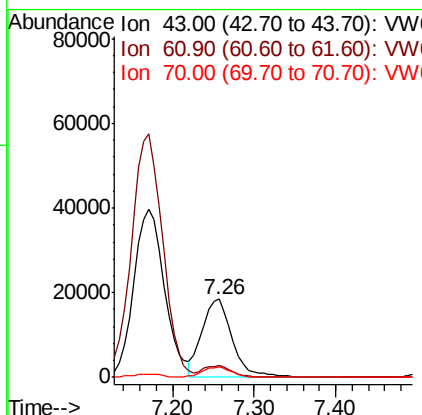
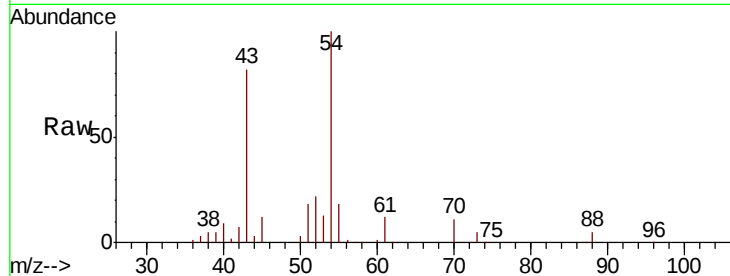
#37
Ethyl Acetate
Concen: 48.658 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.9	17.9
70	13.2	8.8	13.2

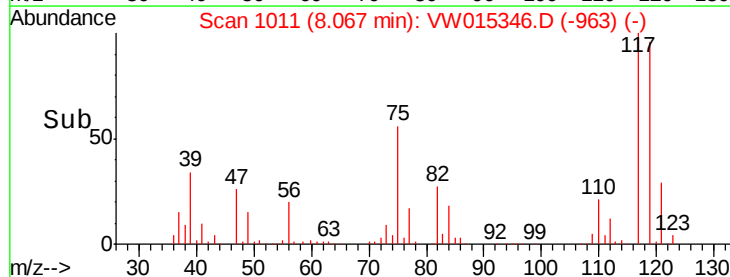
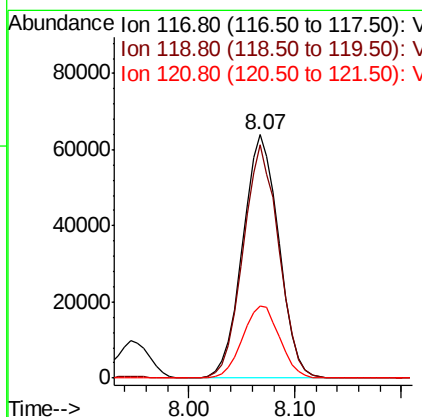
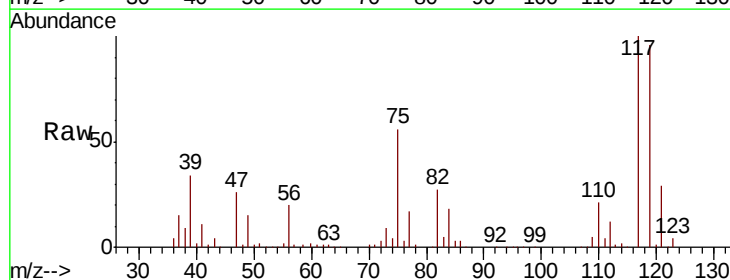
Manual Integrations
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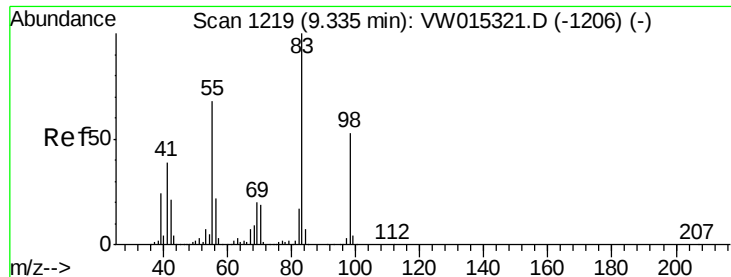
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#38
Carbon Tetrachloride
Concen: 46.714 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	72.3	108.5
121	29.5	23.7	35.5





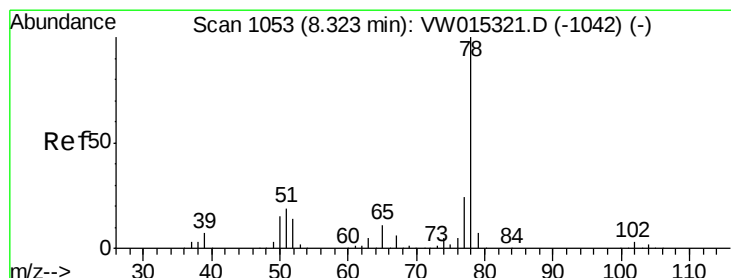
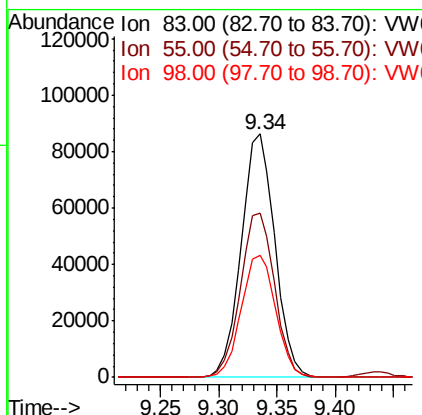
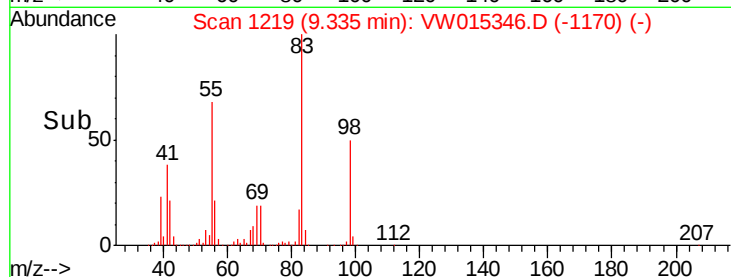
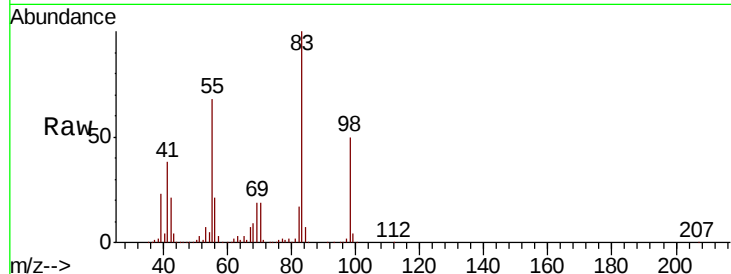
#39
Methvlcvclohexane
Concen: 43.777 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	58.1	87.1
98	50.1	40.2	60.4

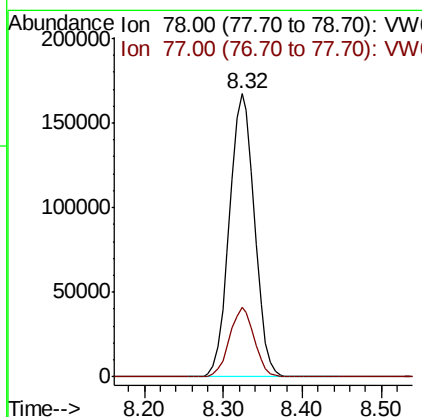
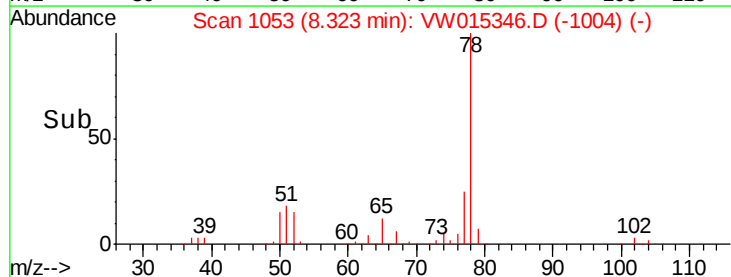
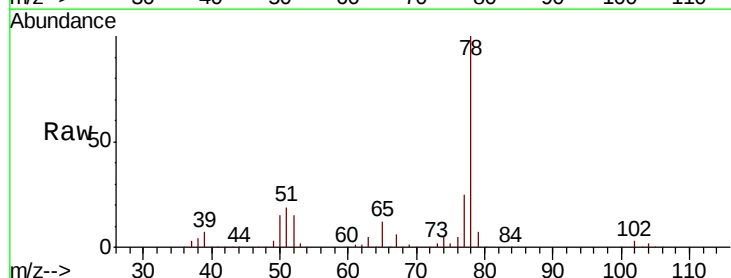
Manual Integrations
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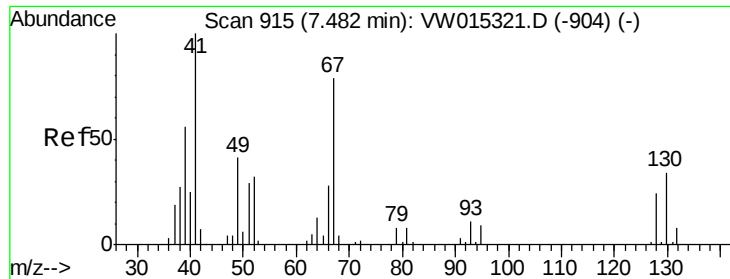
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#40
Benzene
Concen: 46.379 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.2	27.2





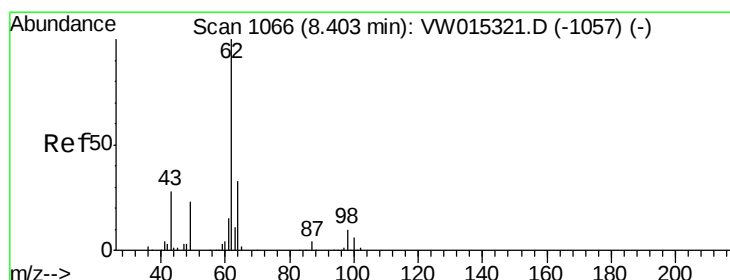
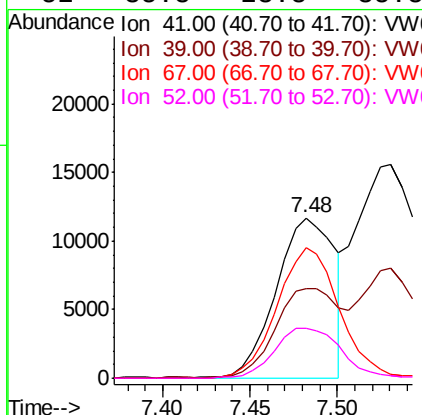
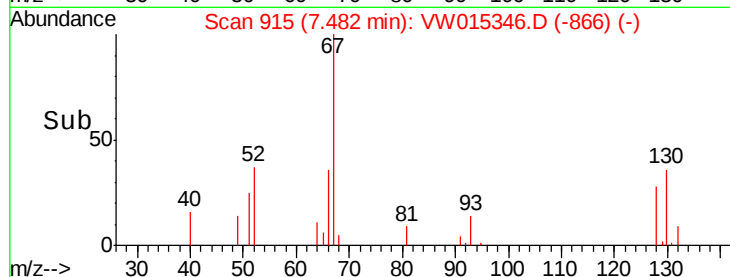
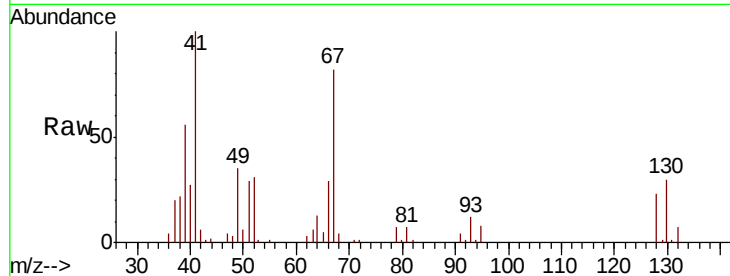
#41
Methacrylonitrile
Concen: 46.880 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.2	41.9	62.9#
67	86.9	60.6	91.0
52	35.8	23.8	35.8#

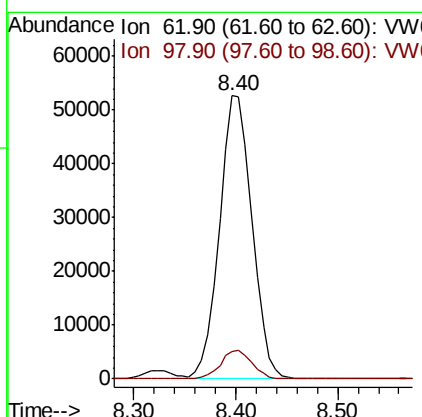
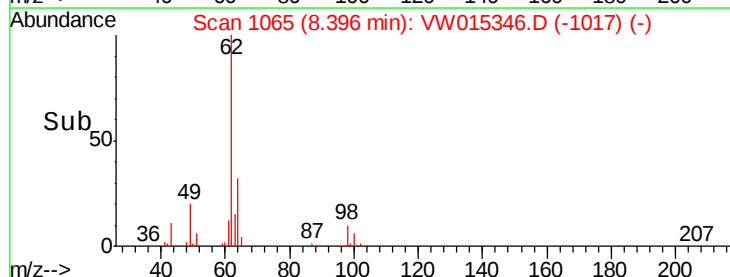
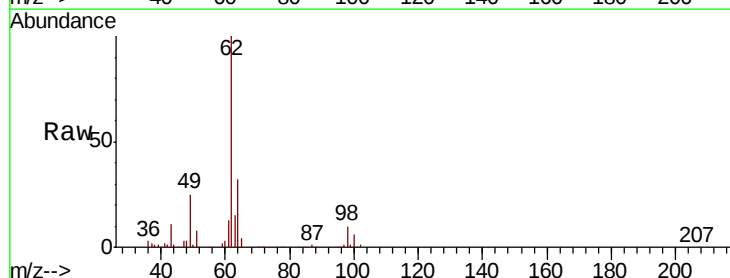
Manual Integrations
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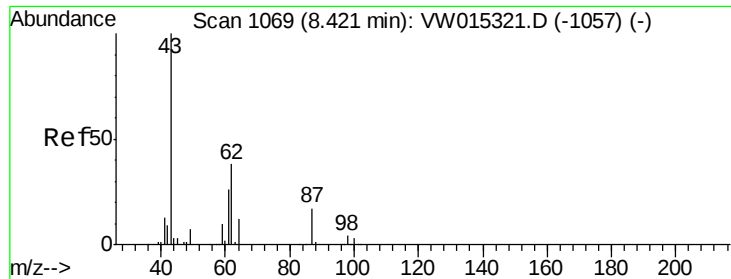
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#42
1,2-Dichloroethane
Concen: 49.525 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.4





#43

Isopropyl Acetate

Concen: 48.332 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

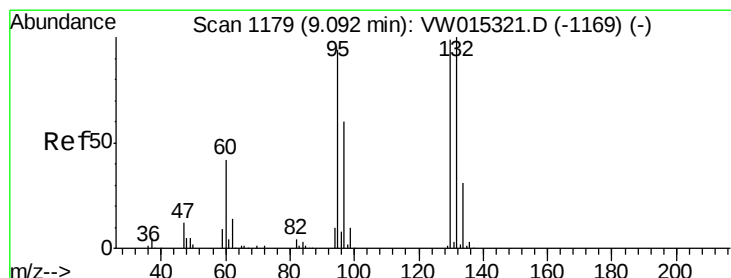
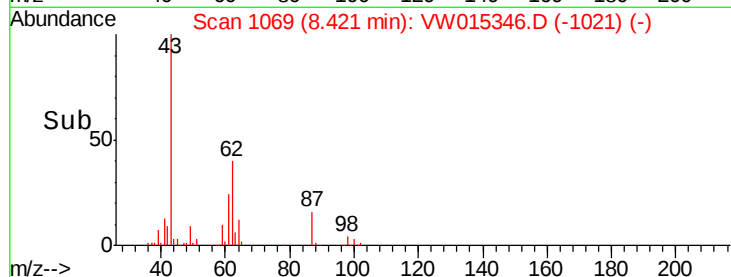
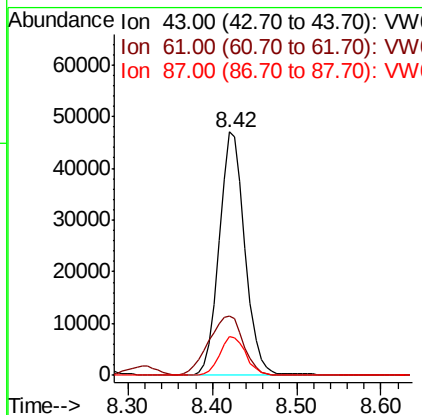
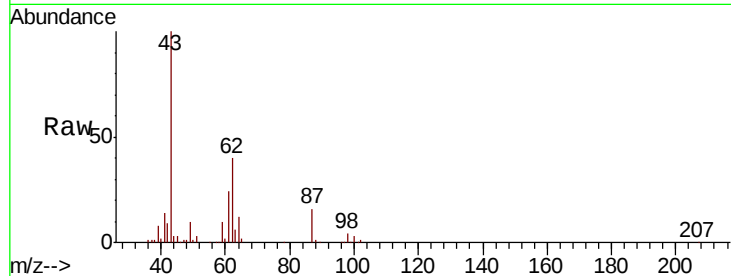
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	98310
Ion	Ratio	Lower	Upper
43	100		
61	33.1	24.8	37.2
87	16.1	11.4	17.2

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#44

Trichloroethene

Concen: 48.311 ug/l

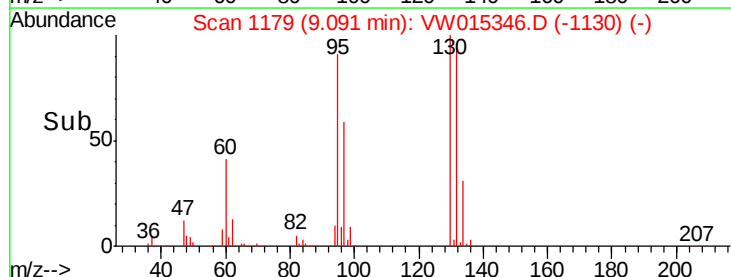
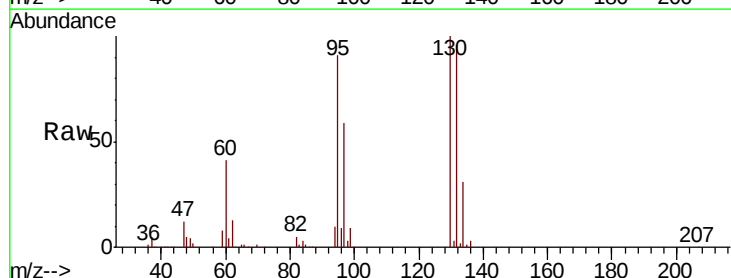
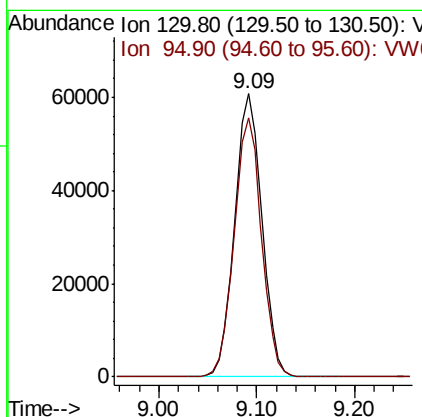
RT: 9.09 min Scan# 1179

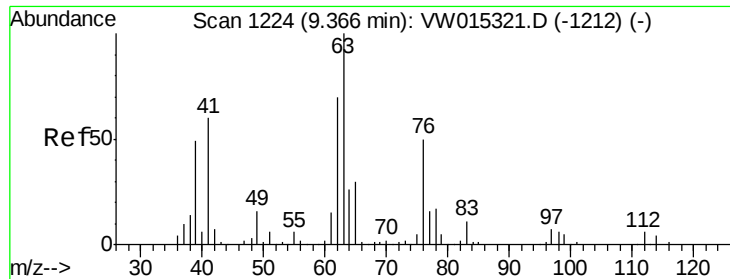
Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Tgt Ion:	130	Resp:	117962
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	196.4





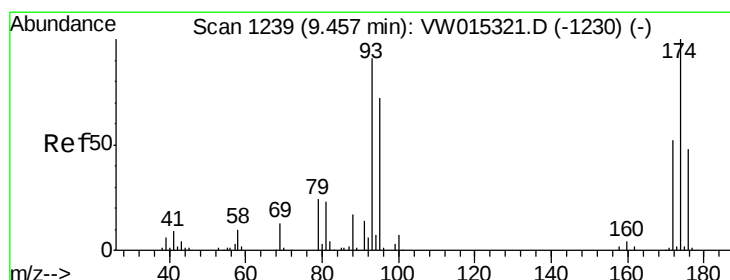
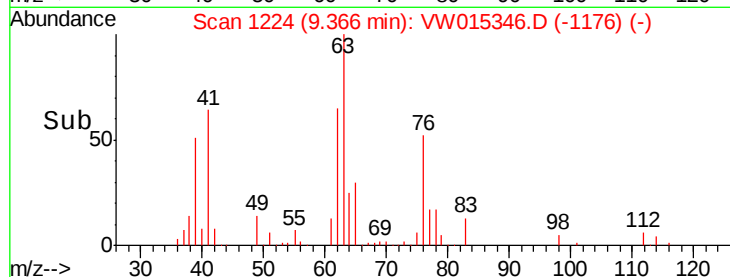
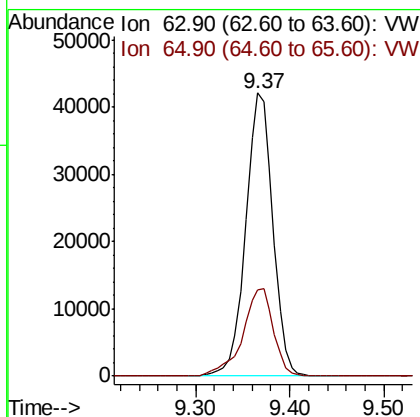
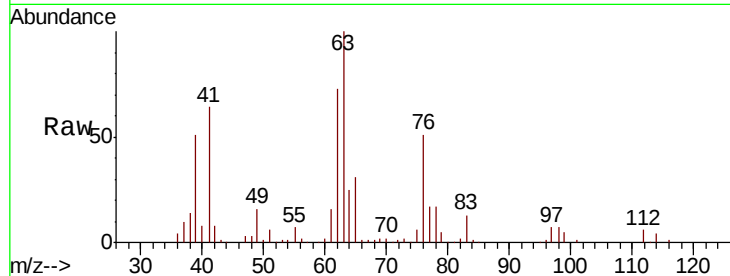
#45
 1,2-Dichloropropane
 Concen: 45.751 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	63	Resp	84930
Ion Ratio	Lower	Upper	
63	100		
65	30.6	25.5	38.3

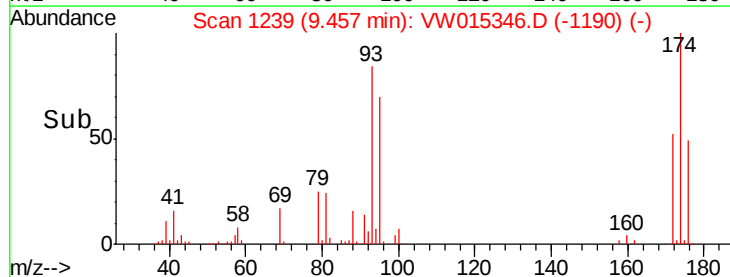
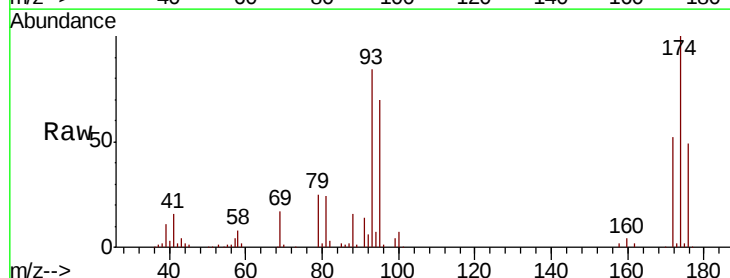
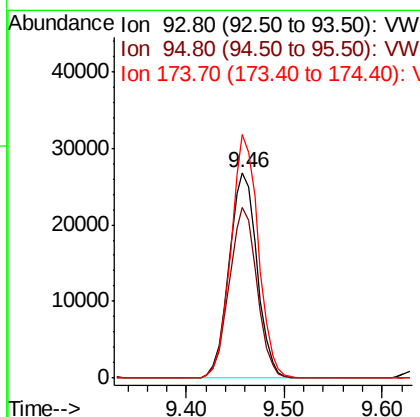
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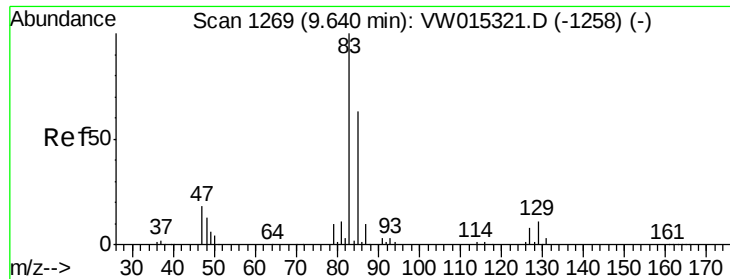
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#46
 Dibromomethane
 Concen: 49.403 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion	93	Resp	53050
Ion Ratio	Lower	Upper	
93	100		
95	81.9	67.5	101.3
174	116.1	74.1	111.1#





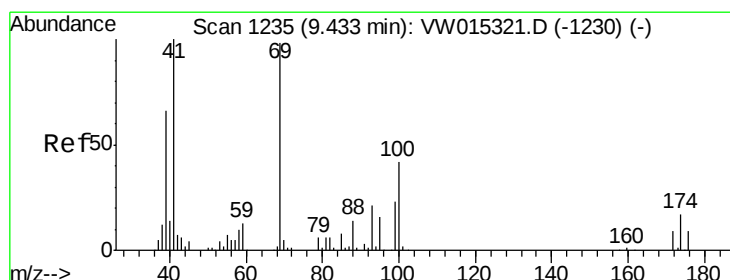
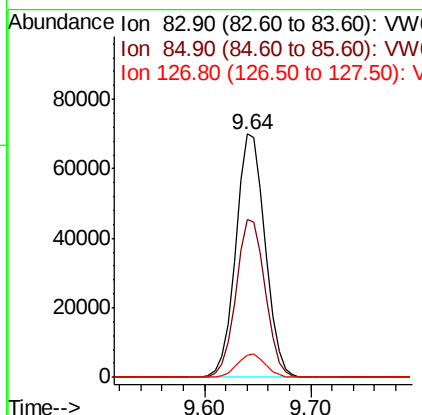
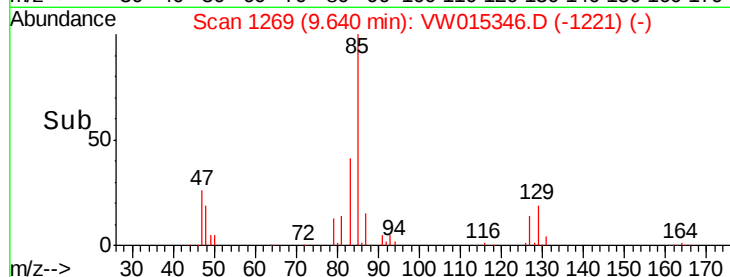
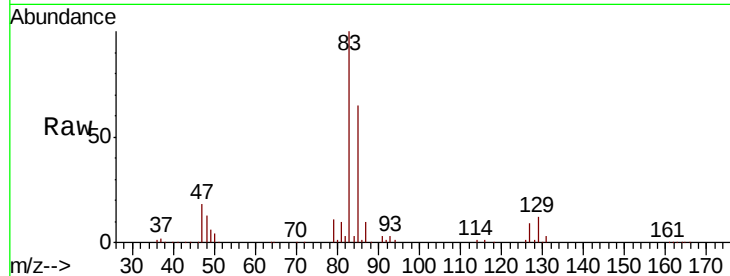
#47
Bromodichloromethane
Concen: 47.132 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.1	50.6	76.0	
127	8.9	6.7	10.1	

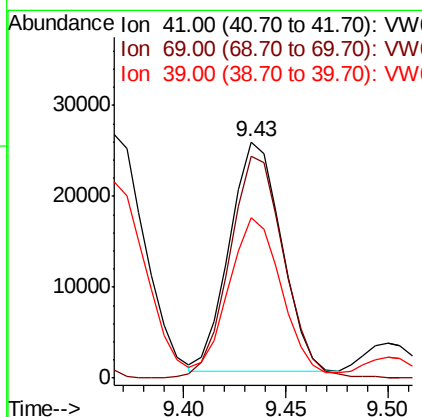
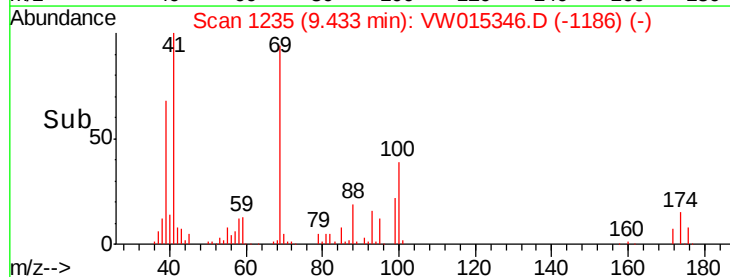
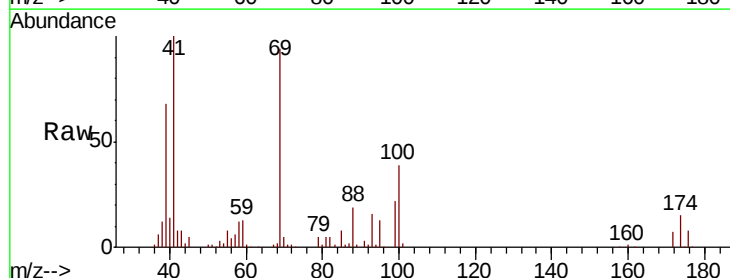
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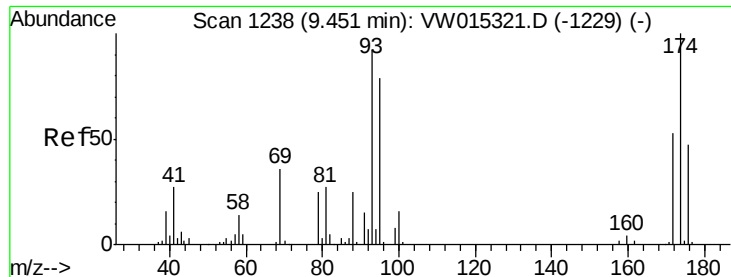
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#48
Methyl methacrylate
Concen: 46.309 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	102.0	70.6	105.8	
39	67.3	42.6	64.0	





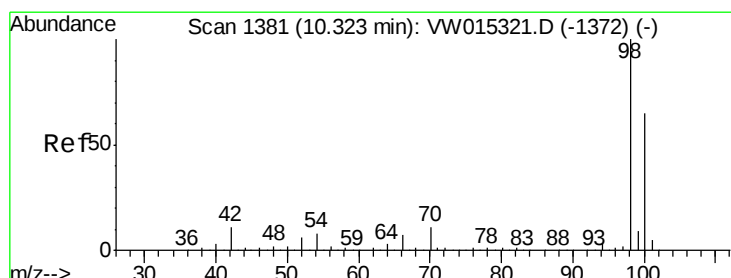
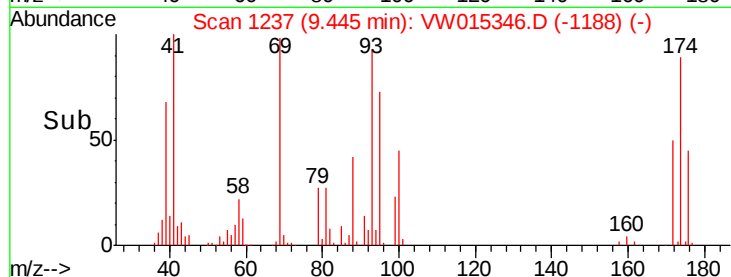
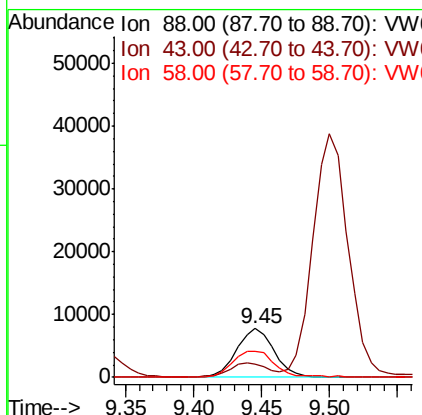
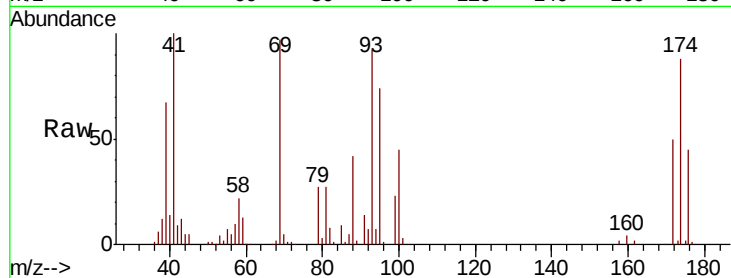
#49
 1,4-Dioxane
 Concen: 1055.096 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	15104
Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.5	35.3
58	58.7	55.4	83.2

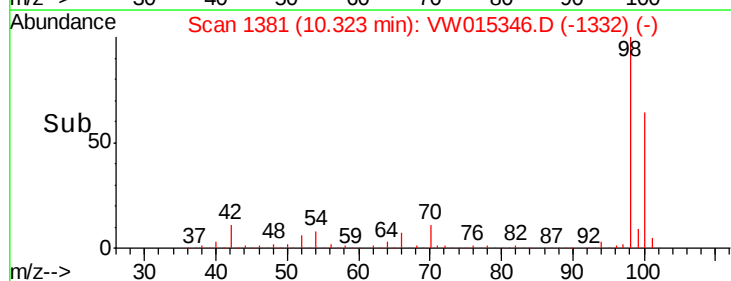
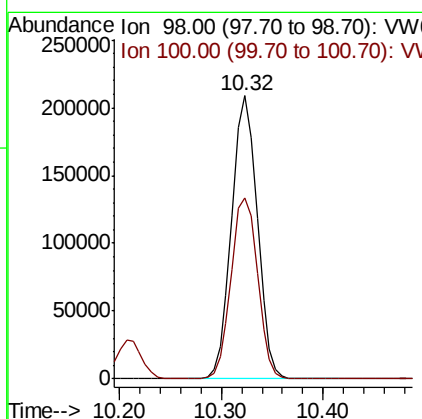
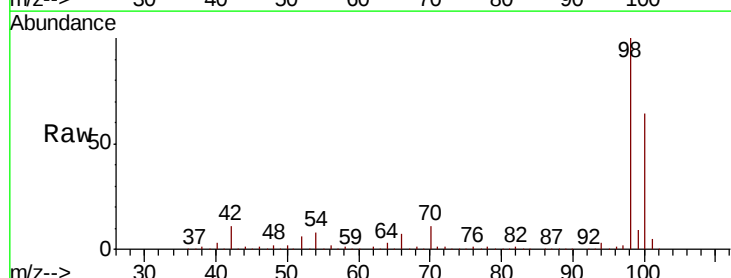
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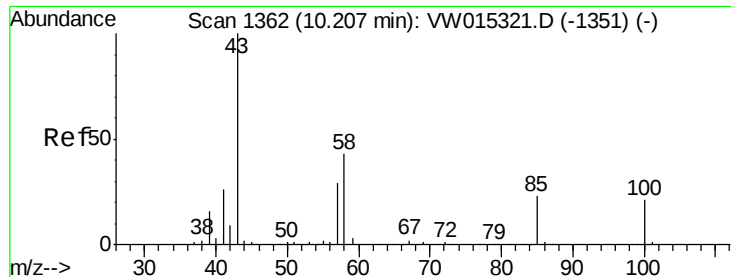
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#50
 Toluene-d8
 Concen: 47.183 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion	98	Resp	364014
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 248.232 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 237023

Ion Ratio Lower Upper

43 100

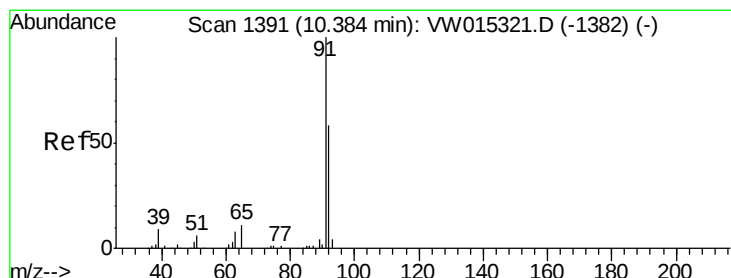
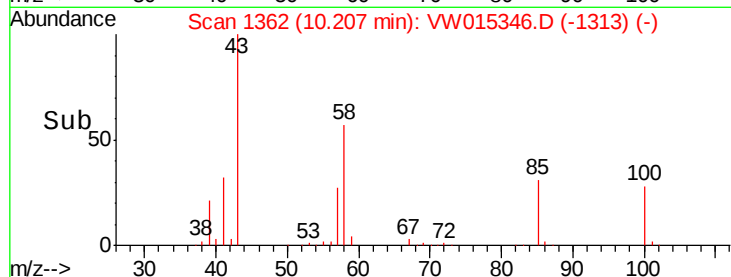
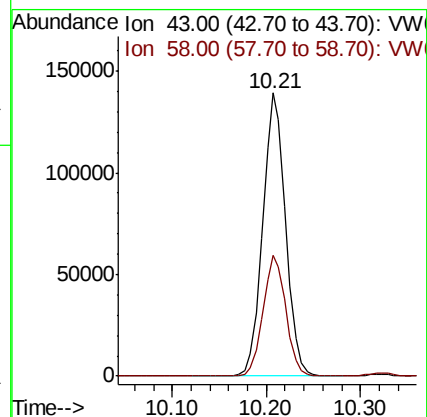
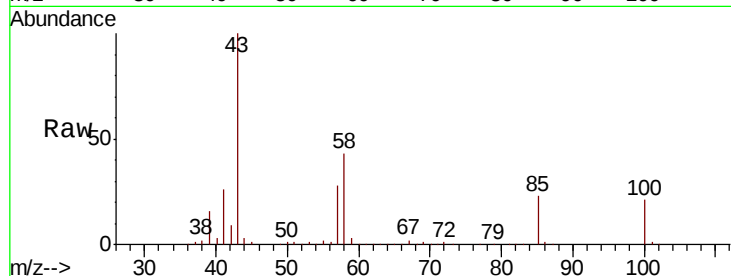
58 42.7 32.3 48.5

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#52

Toluene

Concen: 48.005 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015346.D

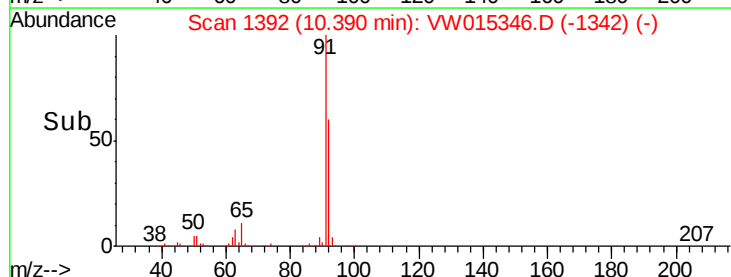
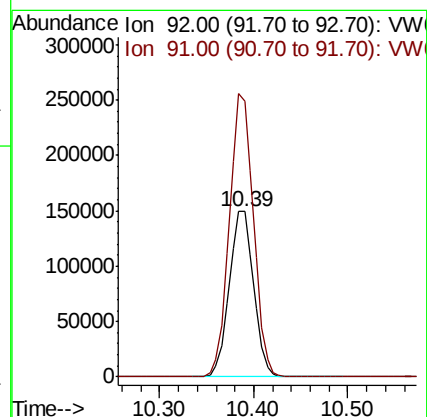
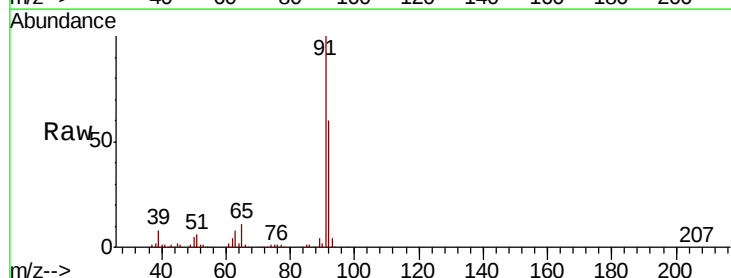
Acq: 24 Apr 2020 16:50

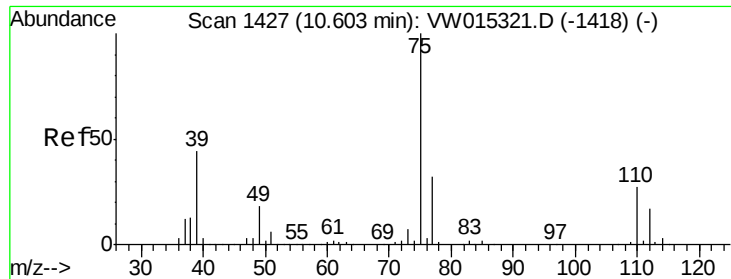
Tgt Ion: 92 Resp: 268186

Ion Ratio Lower Upper

92 100

91 168.8 137.1 205.7





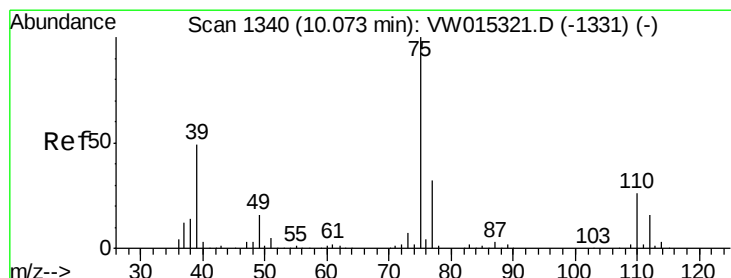
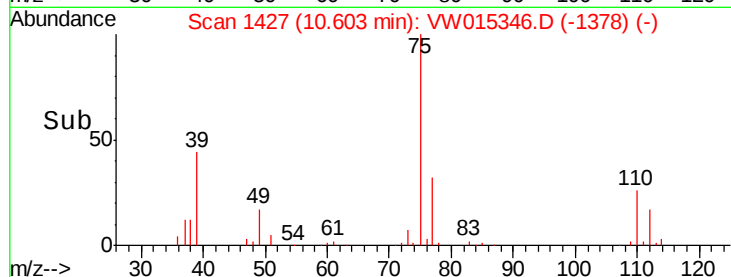
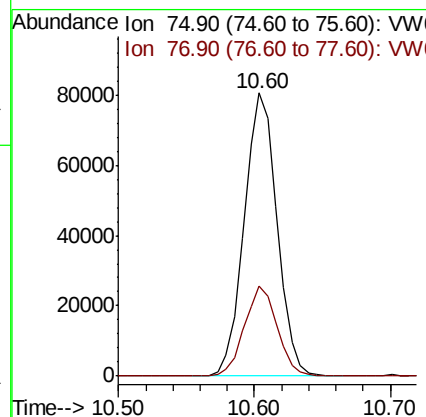
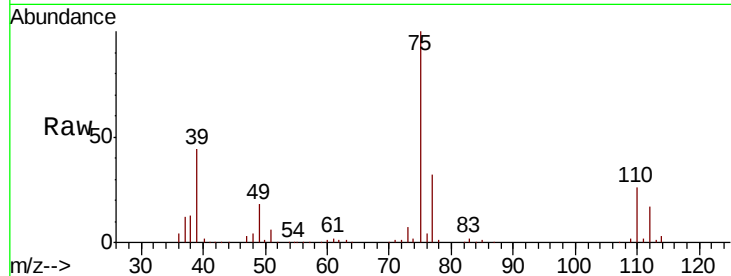
#53
 t-1,3-Dichloropropene
 Concen: 48.063 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 136041
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3

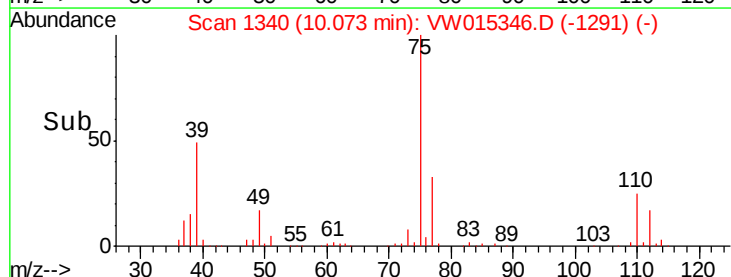
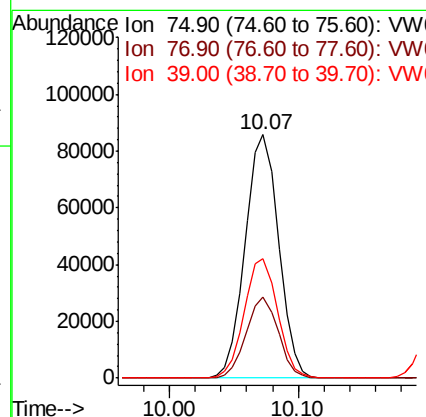
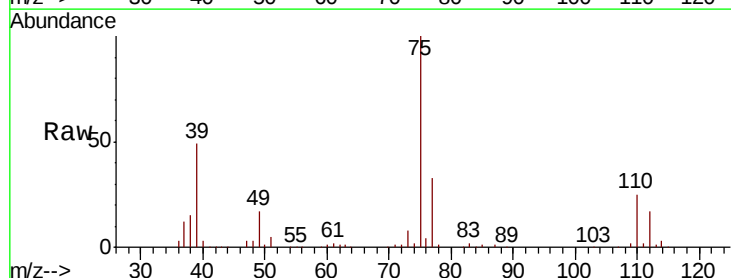
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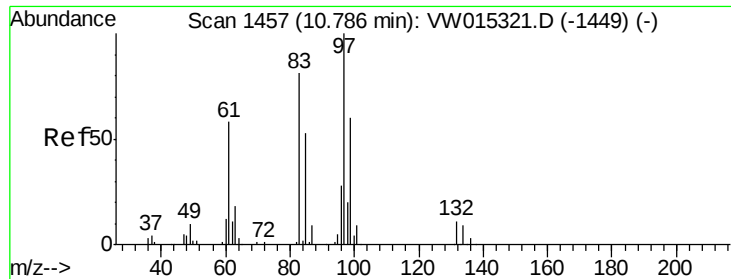
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#54
 cis-1,3-Dichloropropene
 Concen: 46.861 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion: 75 Resp: 154171
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.6 39.8
 39 49.2 37.8 56.6





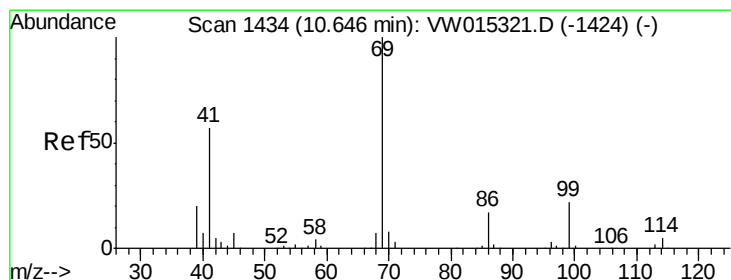
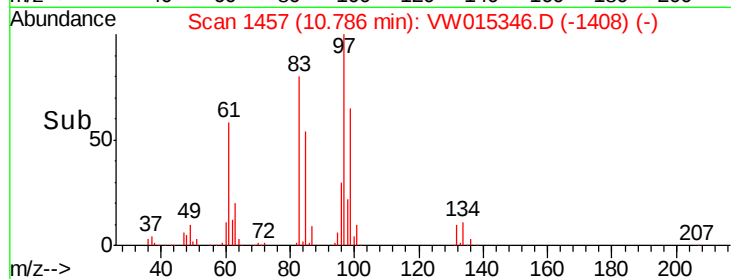
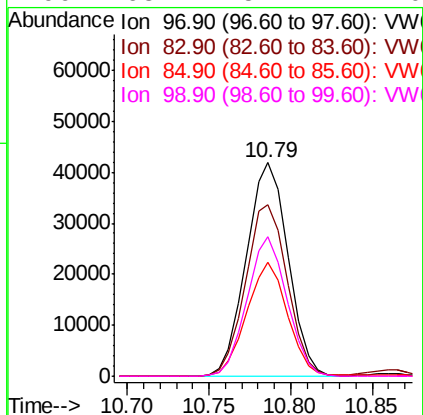
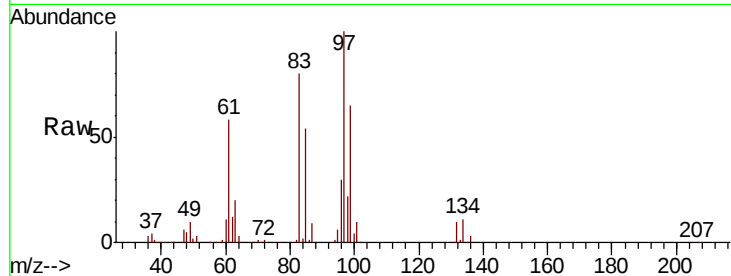
#55
 1,1,2-Trichloroethane
 Concen: 49.601 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	74581
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.3	100.9
85	53.6	43.8	65.8
99	65.1	51.4	77.0

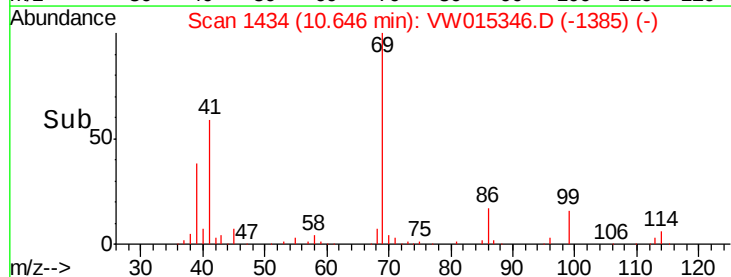
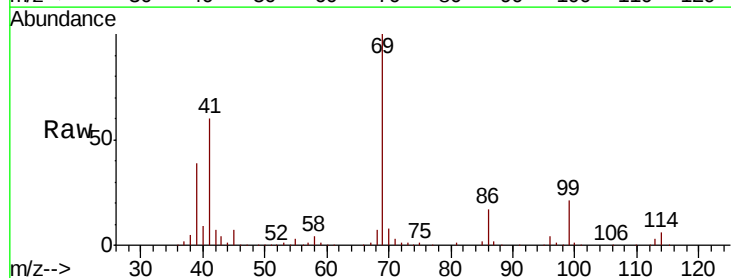
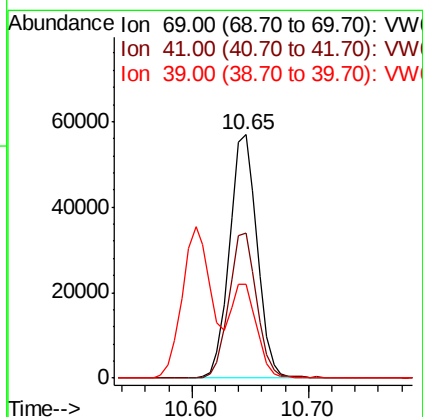
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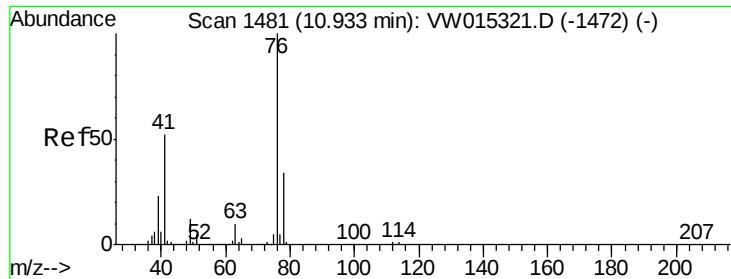
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#56
 Ethyl methacrylate
 Concen: 48.667 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion:	69	Resp:	94271
Ion	Ratio	Lower	Upper
69	100		
41	59.1	51.3	76.9
39	35.1	24.6	37.0





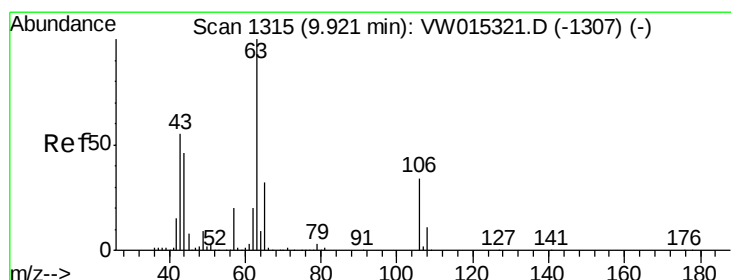
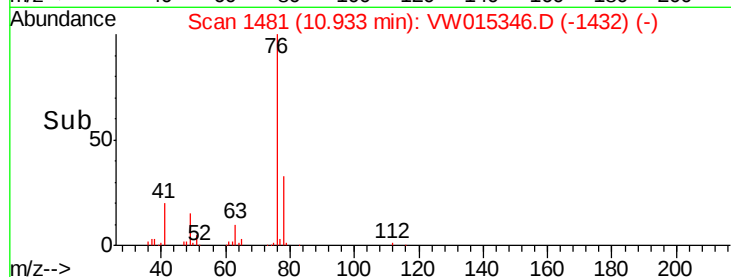
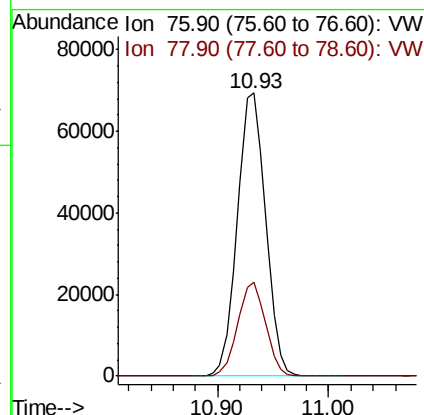
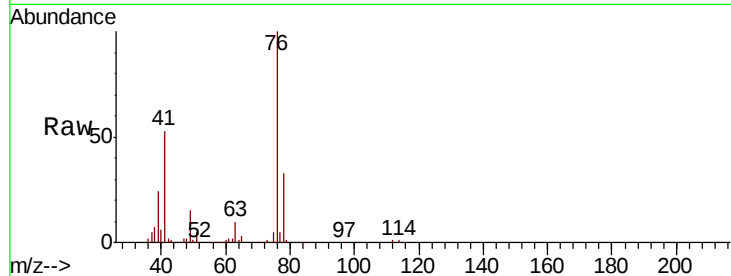
#57
 1,3-Dichloropropane
 Concen: 49.065 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.4

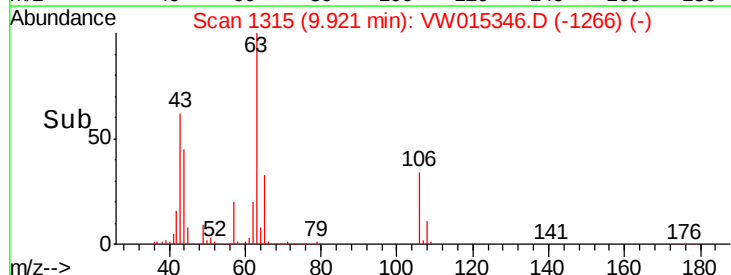
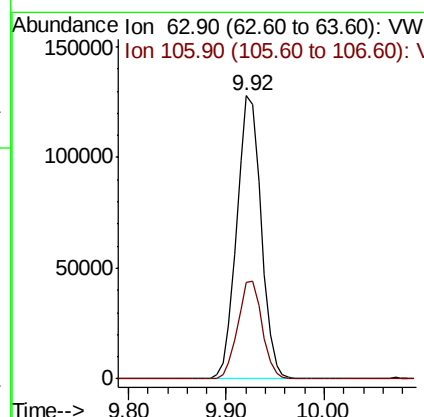
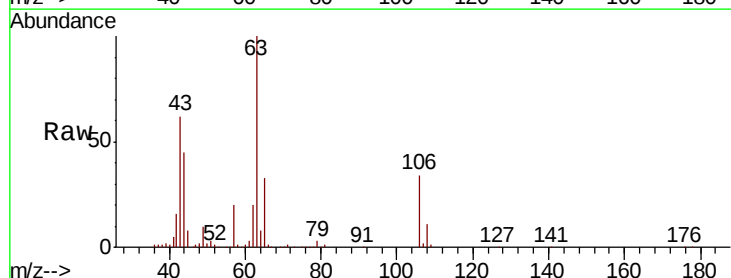
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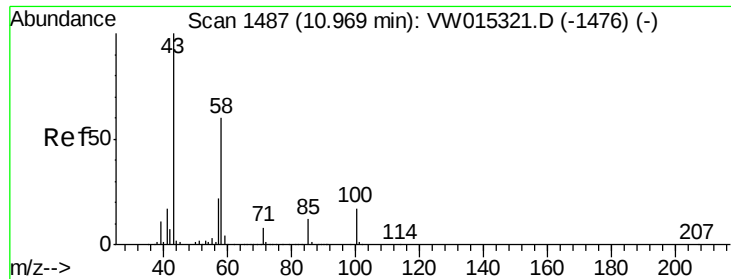
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#58
 2-Chloroethyl Vinyl ether
 Concen: 246.930 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	34.4	22.6	33.8#





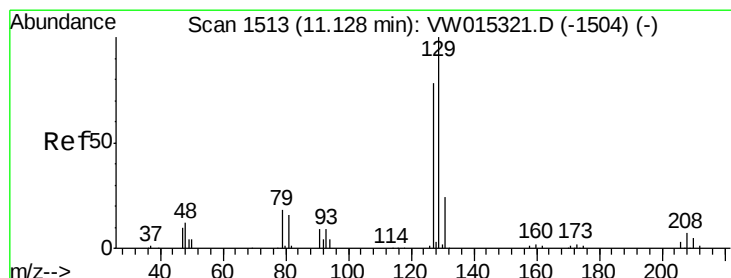
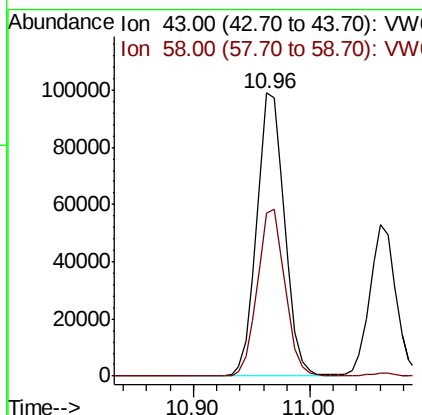
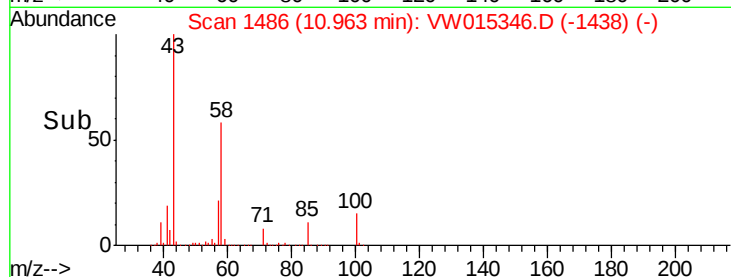
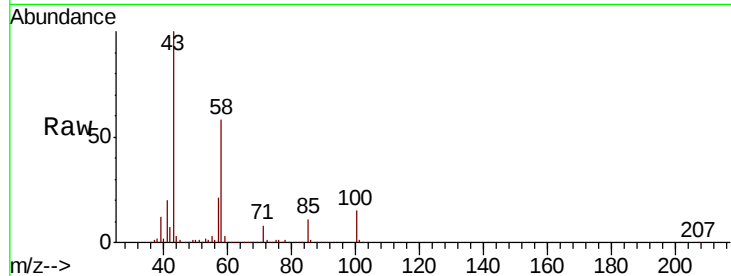
#59
2-Hexanone
Concen: 242.345 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 165183
Ion Ratio Lower Upper
43 100
58 58.6 28.1 84.3

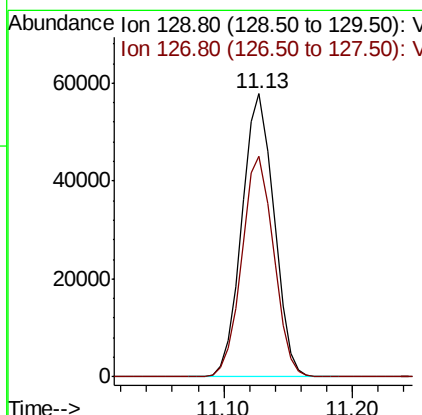
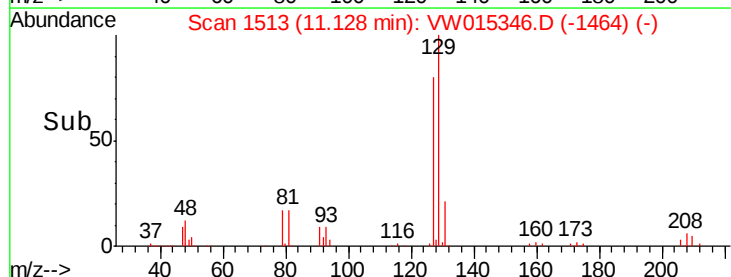
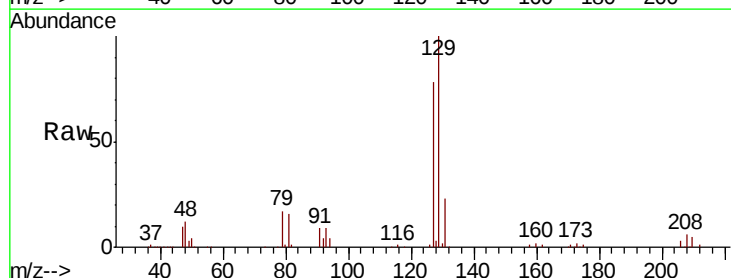
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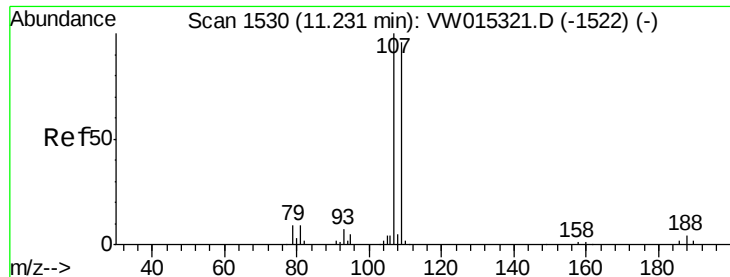
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#60
Dibromochloromethane
Concen: 50.178 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 129 Resp: 99619
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





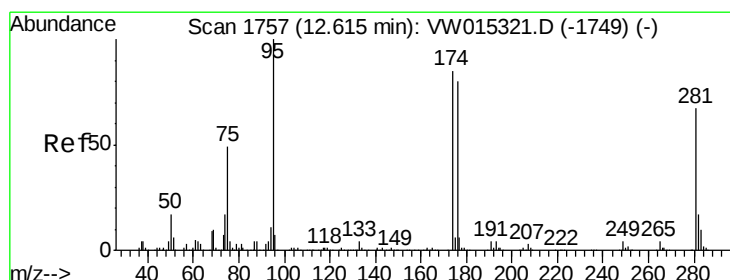
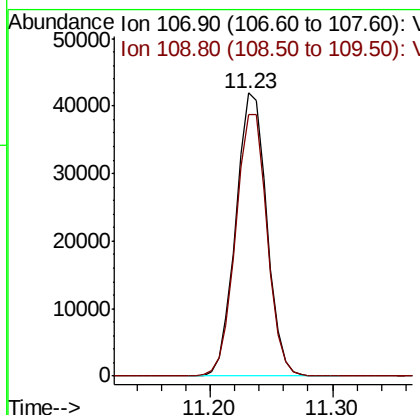
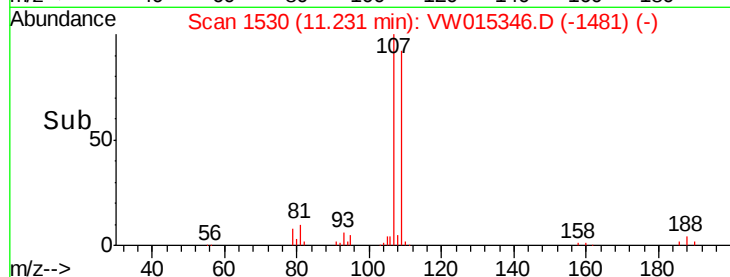
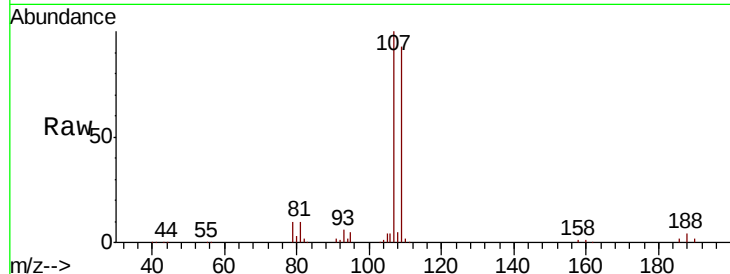
#61
 1,2-Dibromoethane
 Concen: 50.098 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.3	111.5

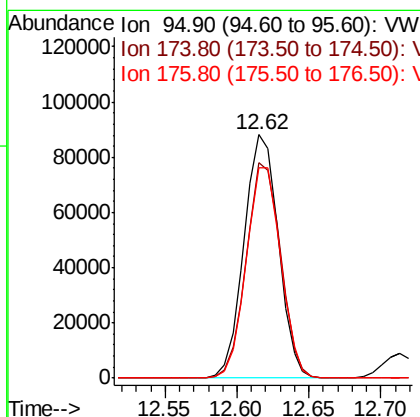
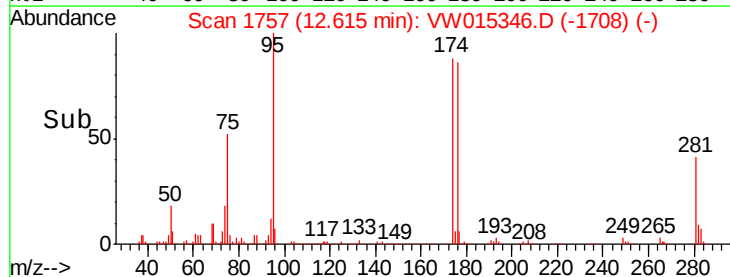
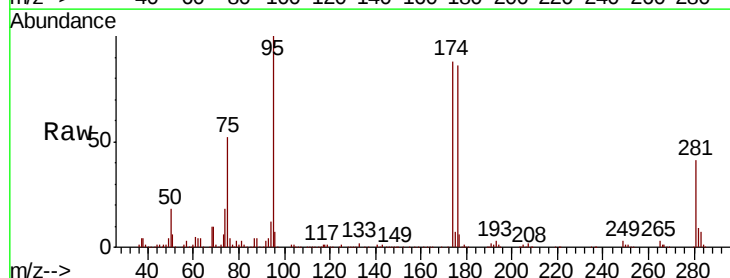
Manual Integrations
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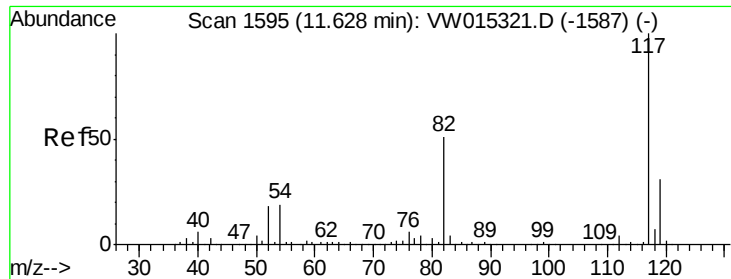
apatel
 4/27/2020 2:28:10 PM



#62
 4-Bromofluorobenzene
 Concen: 49.246 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	144.4
176	87.4	0.0	140.6





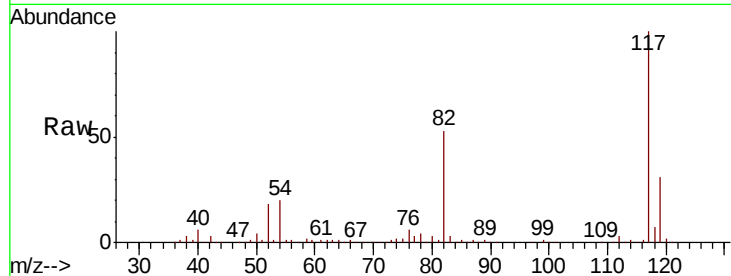
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.1	66.1
119	31.4	24.9	37.3

Manual Integrations
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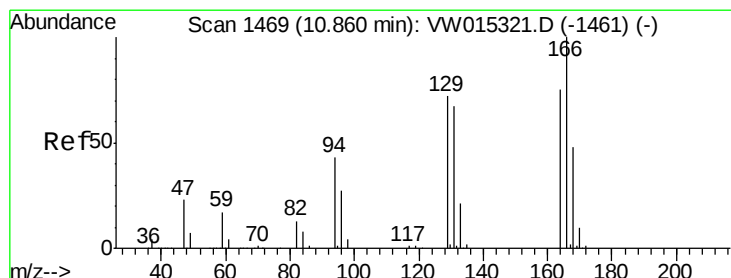
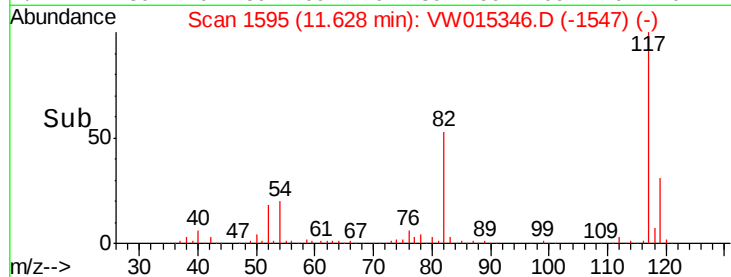
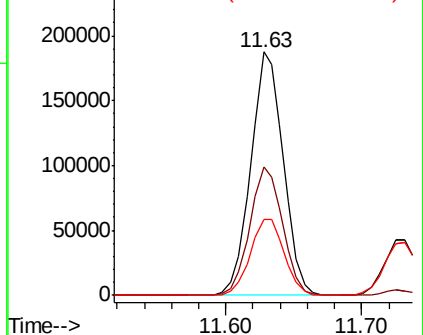


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 48.707 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.6	102.6	154.0
129	89.7	80.2	120.2
131	83.4	77.4	116.2

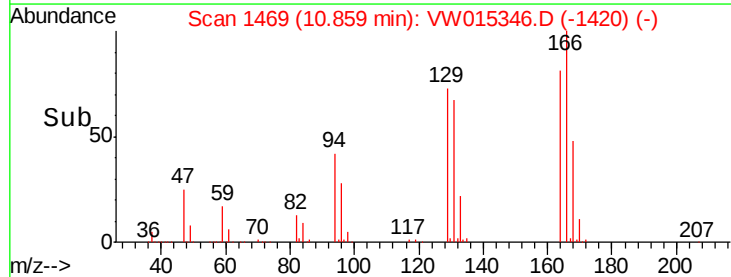
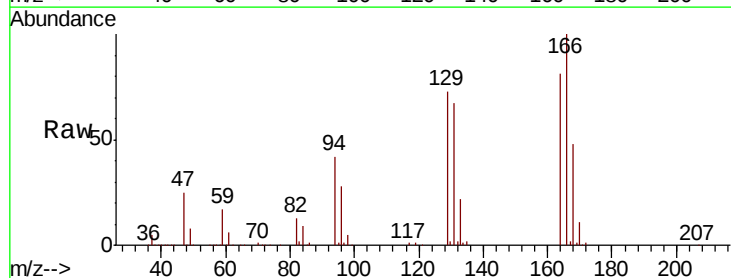
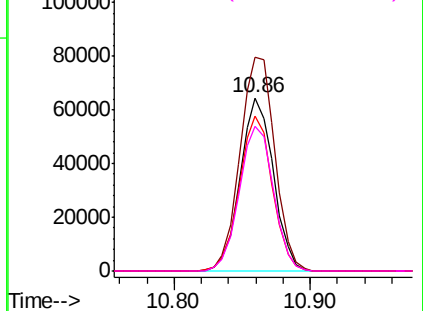
Abundance

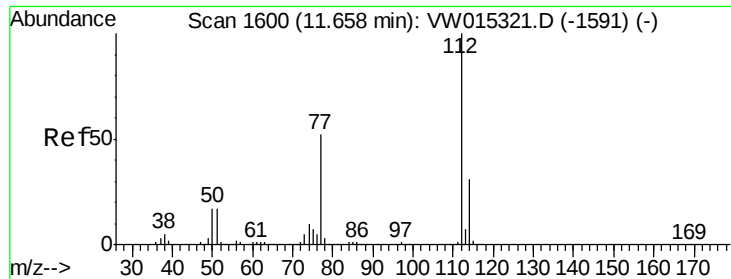
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





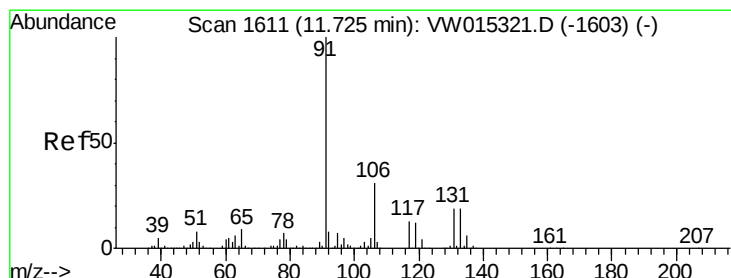
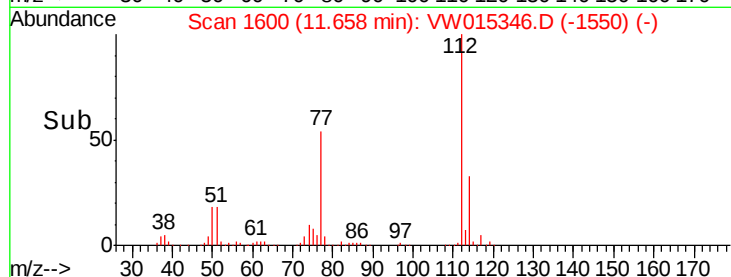
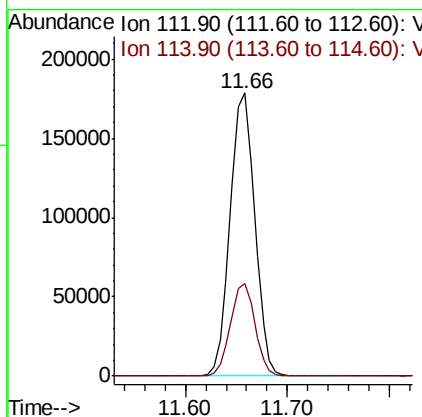
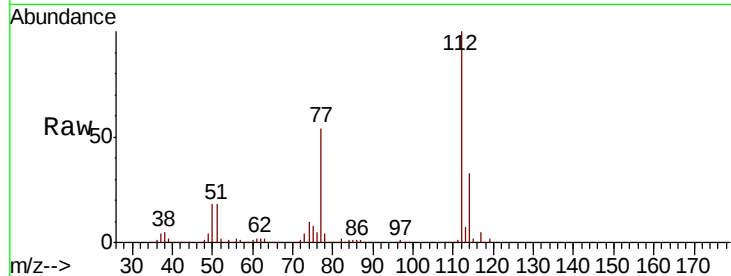
#65
Chlorobenzene
Concen: 48.225 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 297815
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

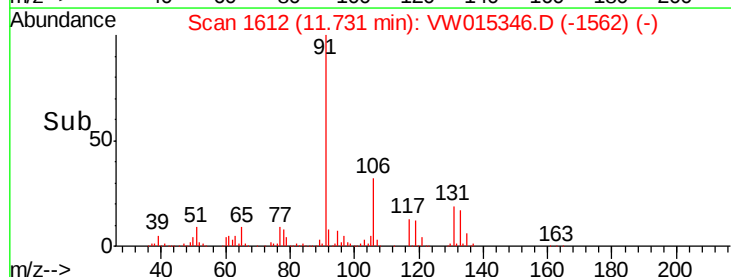
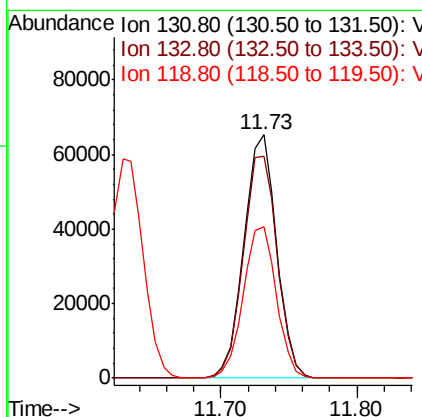
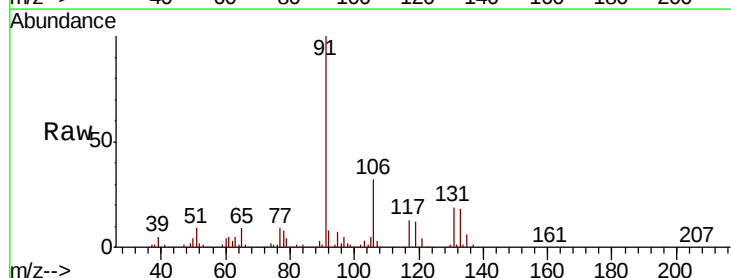
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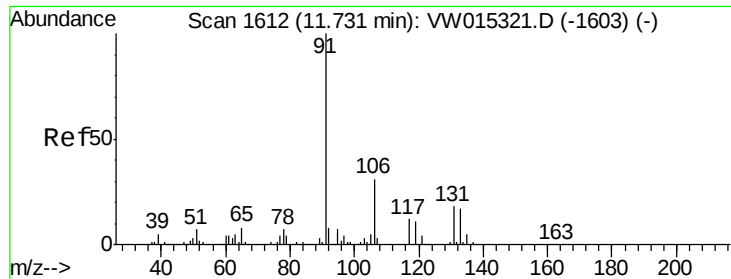
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.583 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion:131 Resp: 110053
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 63.1 34.0 101.8





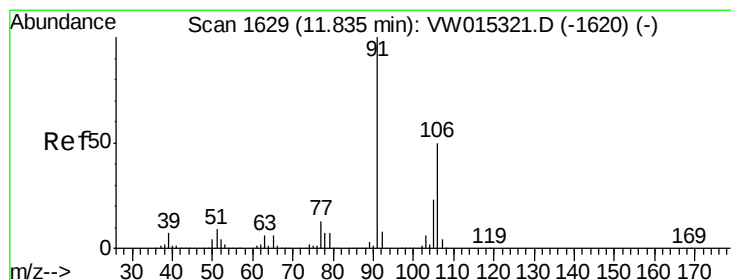
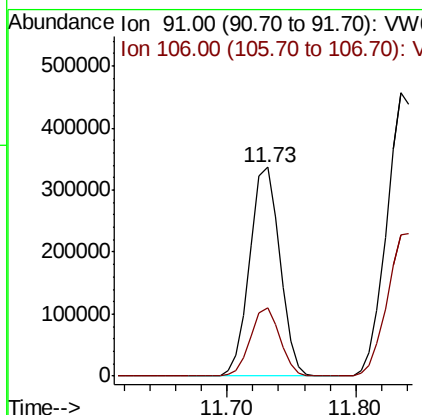
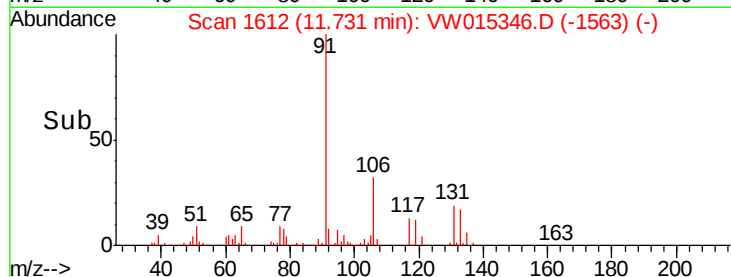
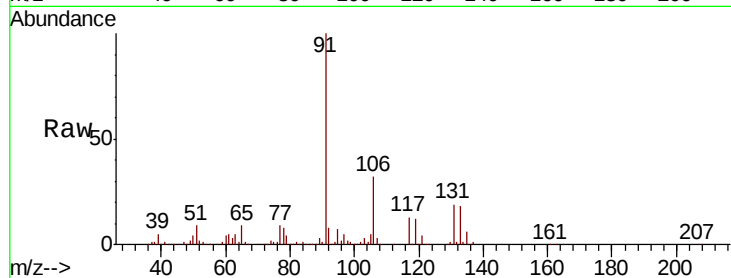
#67
Ethyl Benzene
Concen: 47.386 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 545726
Ion Ratio Lower Upper
91 100
106 32.5 25.7 38.5

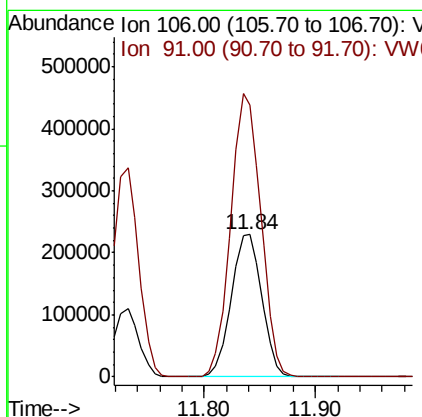
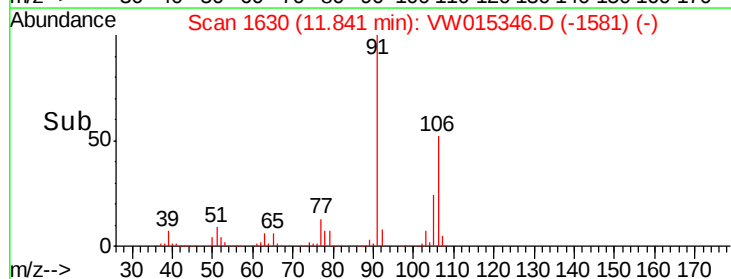
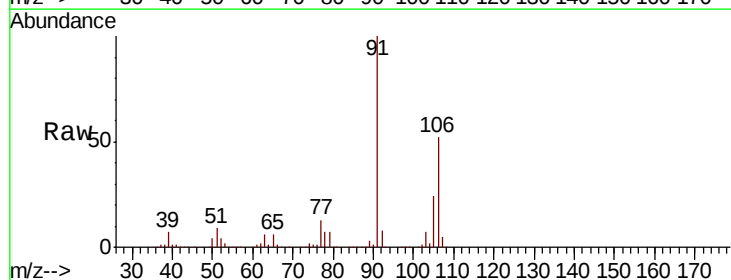
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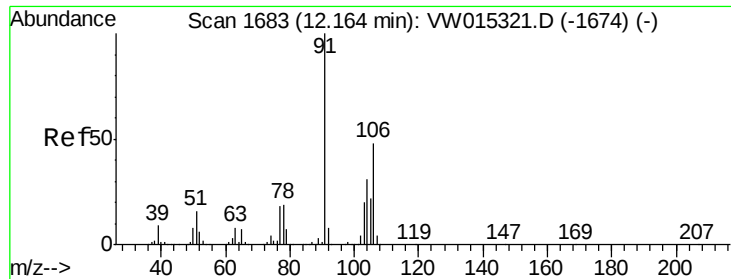
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#68
m/p-Xylenes
Concen: 96.255 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion: 106 Resp: 434517
Ion Ratio Lower Upper
106 100
91 196.6 160.0 240.0





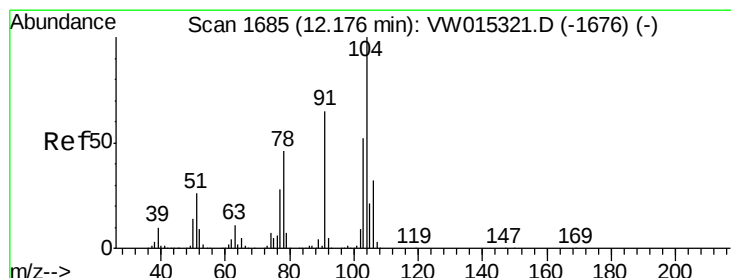
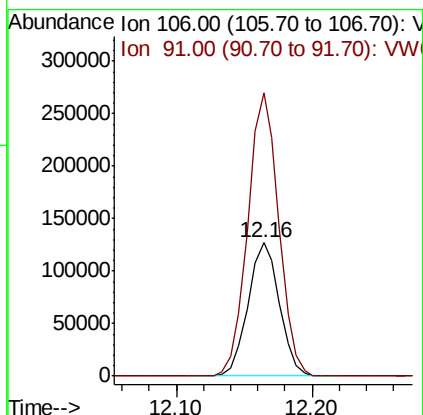
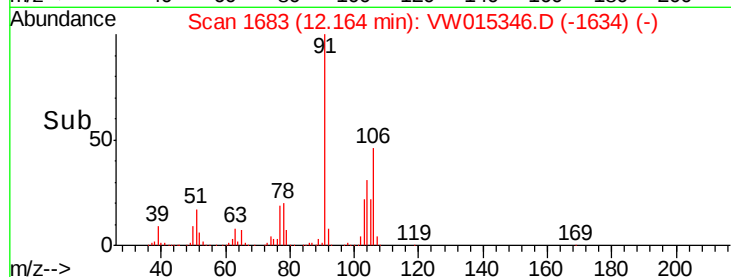
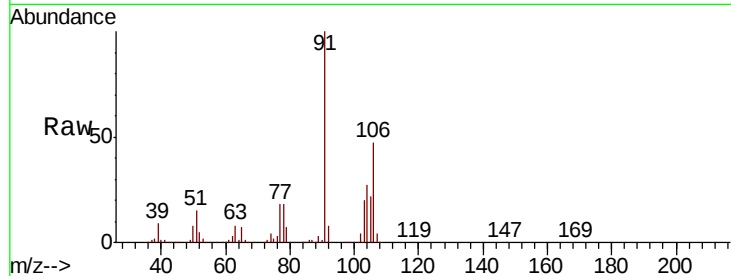
#69
o-Xylene
Concen: 48.711 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 205244
Ion Ratio Lower Upper
106 100
91 209.6 105.7 317.1

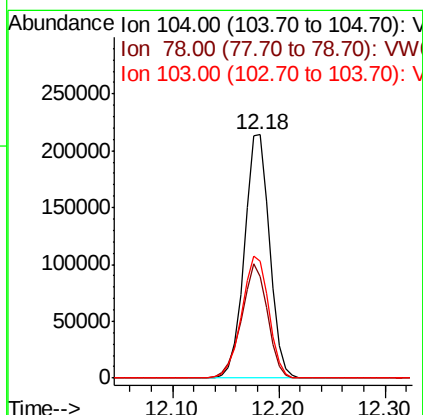
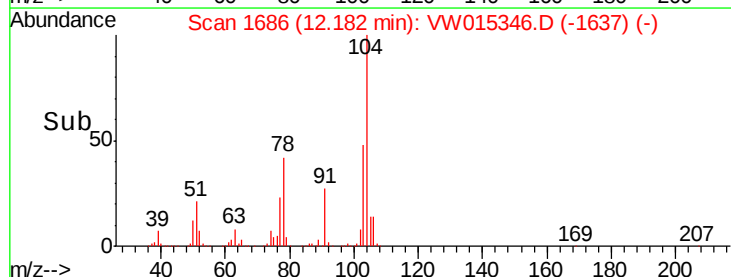
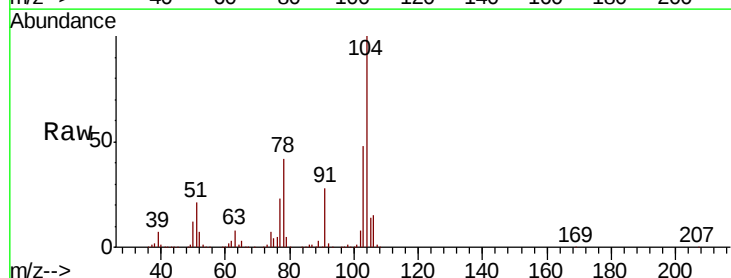
Manual Integrations
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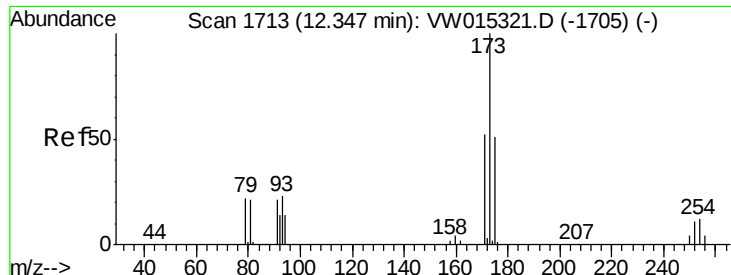
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#70
Styrene
Concen: 49.418 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion:104 Resp: 354936
Ion Ratio Lower Upper
104 100
78 48.8 39.8 59.6
103 54.0 43.8 65.6





#71

Bromoform

Concen: 48.810 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 61043

Ion Ratio Lower Upper

173 100

175 50.0 25.1 75.4

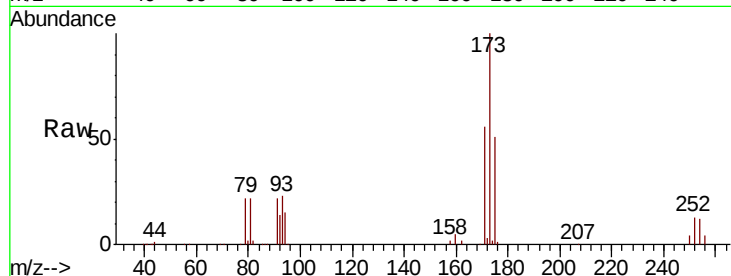
254 0.0 0.1 0.1#

Manual Integrations

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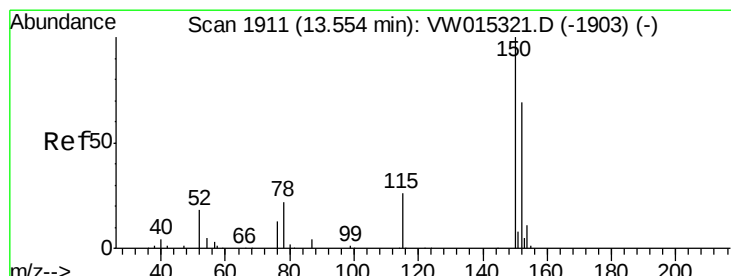
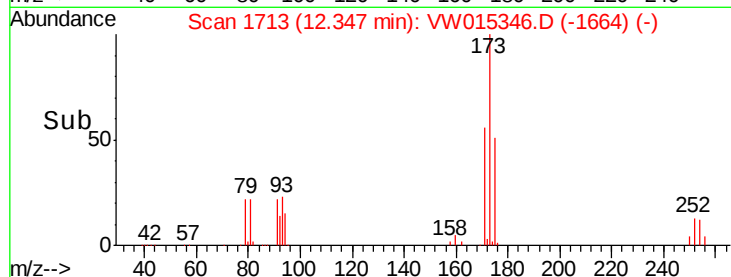
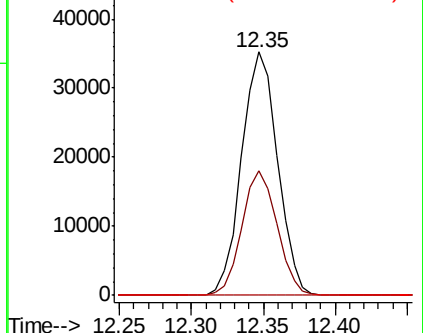
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

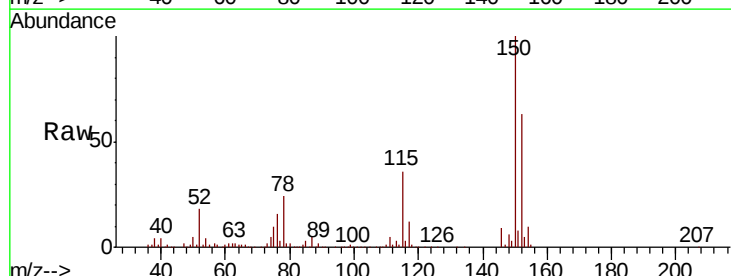
Tgt Ion:152 Resp: 179038

Ion Ratio Lower Upper

152 100

115 56.9 31.3 93.9

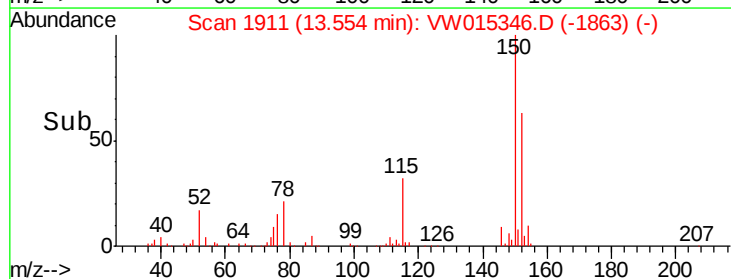
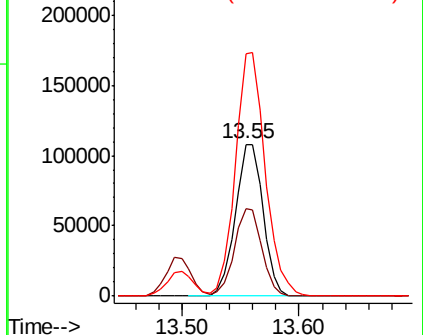
150 172.1 0.0 343.4

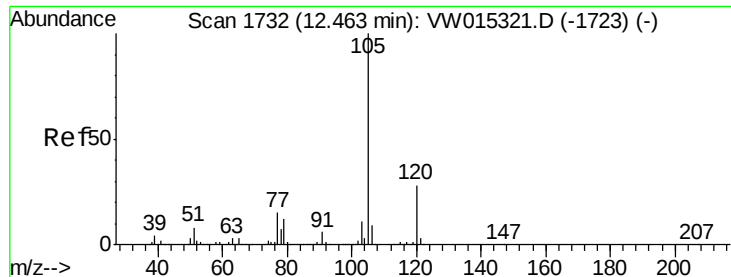


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





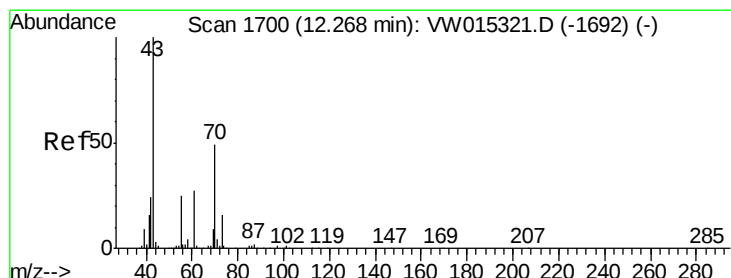
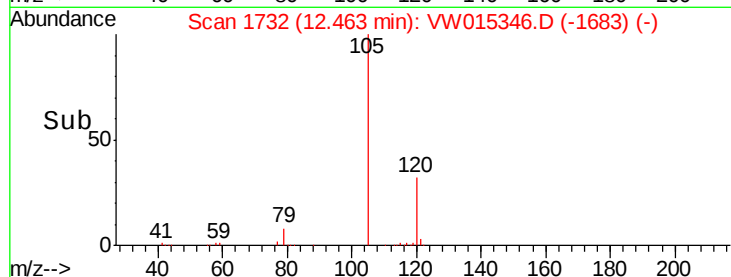
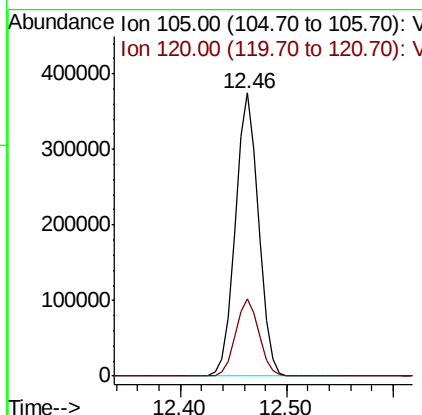
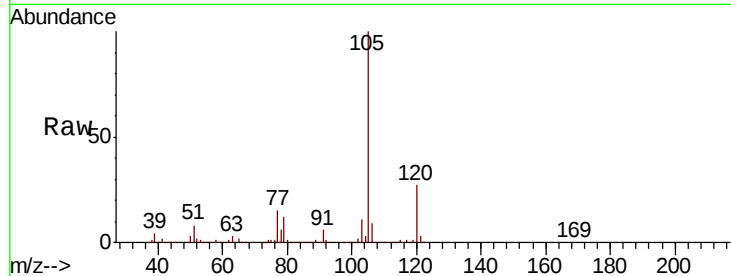
#73
Isopropylbenzene
Concen: 46.168 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.7	41.1

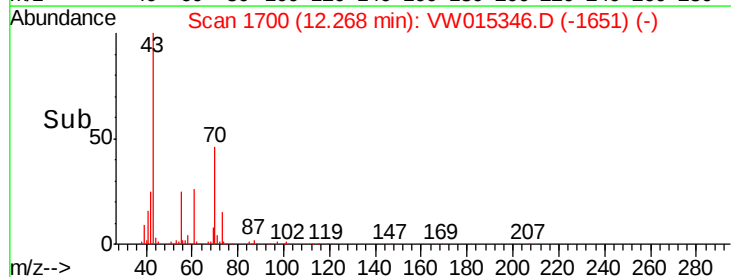
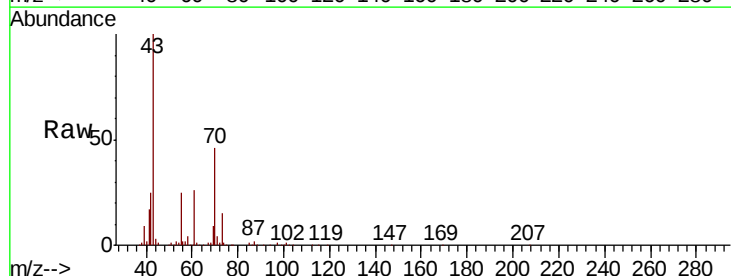
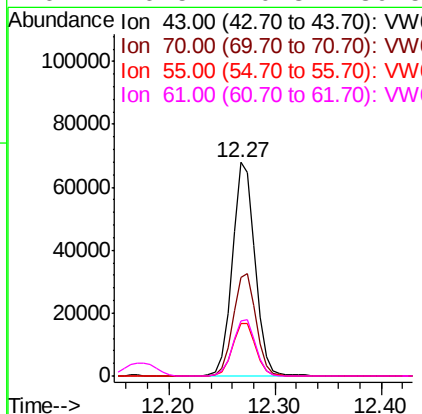
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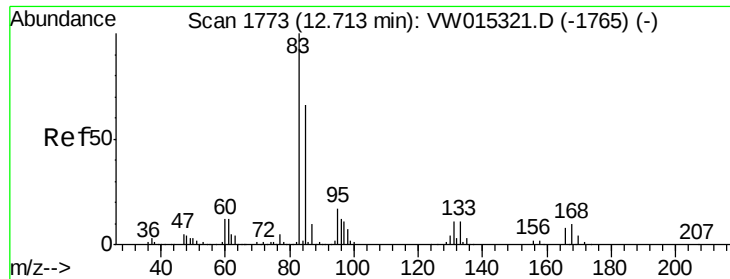
apatel
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#74
N-ethyl acetate
Concen: 46.966 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.8	35.4	53.2
55	25.3	18.5	27.7
61	26.5	20.3	30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.019 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

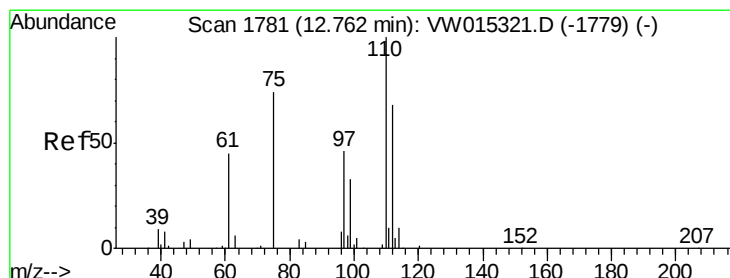
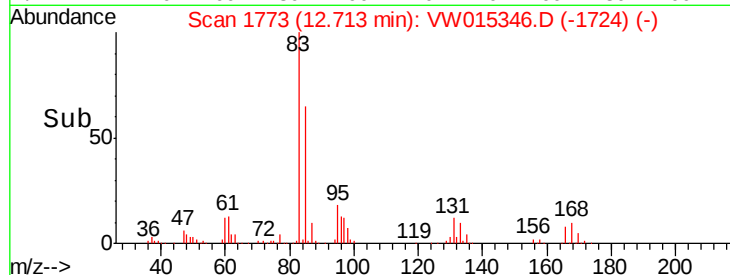
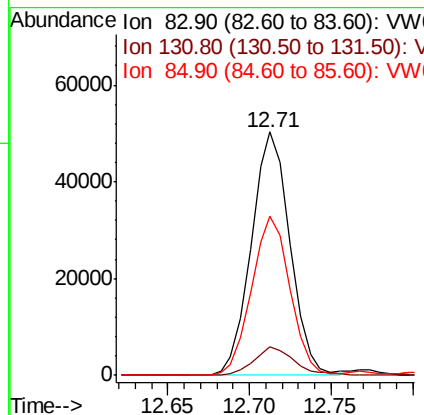
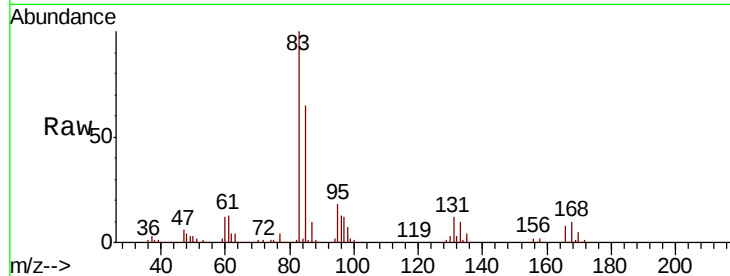
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	82871
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.1	15.2
85	65.0	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.144 ug/l m

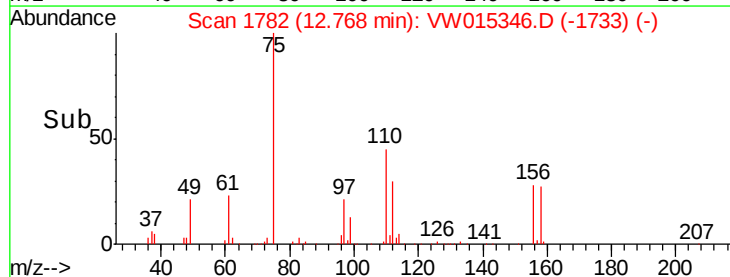
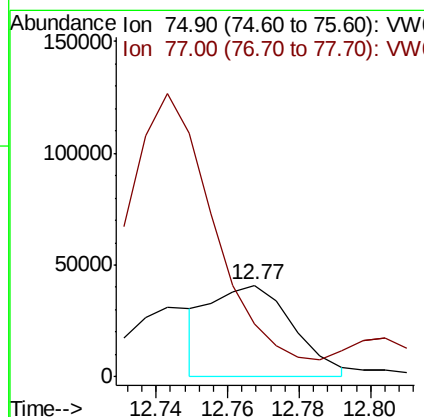
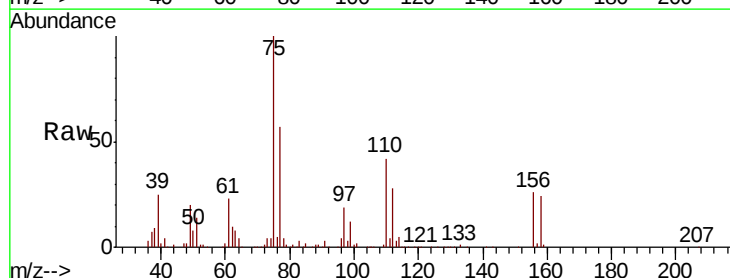
RT: 12.77 min Scan# 1782

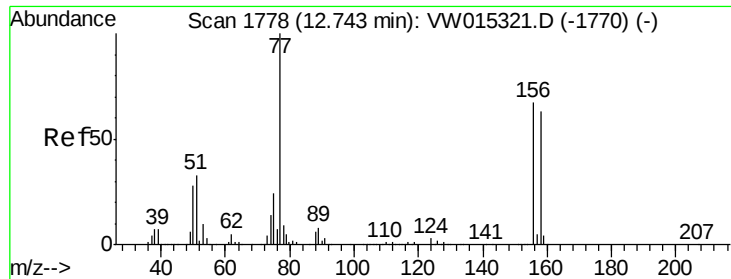
Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Tgt Ion:	75	Resp:	65297
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.803 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

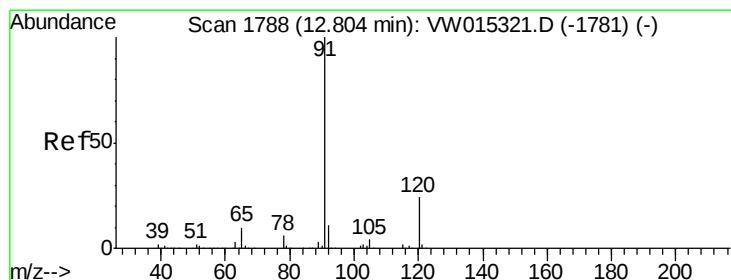
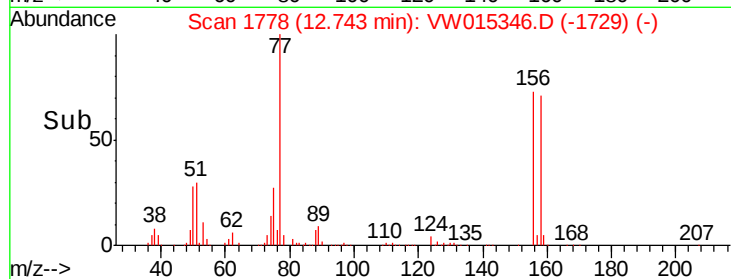
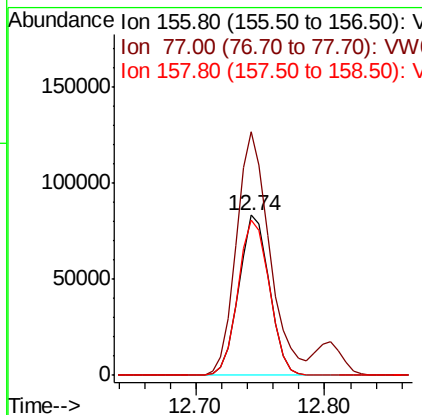
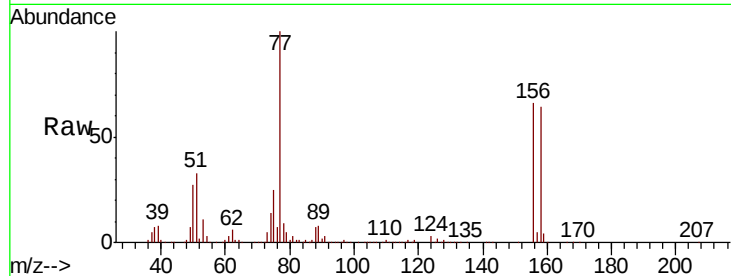
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	166.1	100.5	301.5	
158	98.9	47.9	143.8	

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#78

n-propylbenzene

Concen: 45.607 ug/l

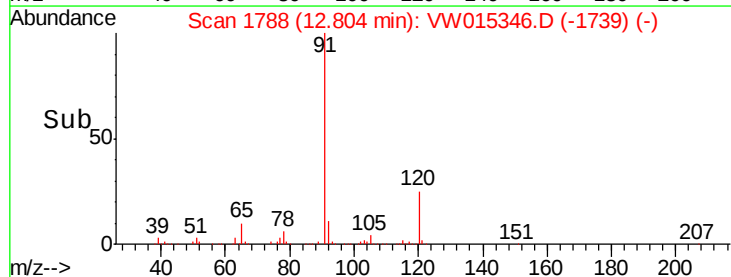
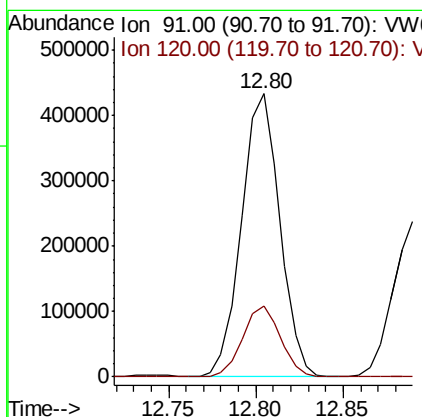
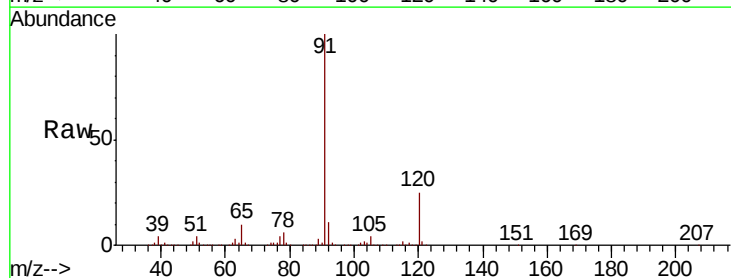
RT: 12.80 min Scan# 1788

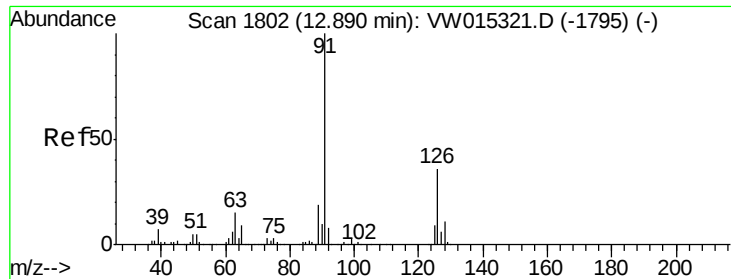
Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.8	11.4	34.1	





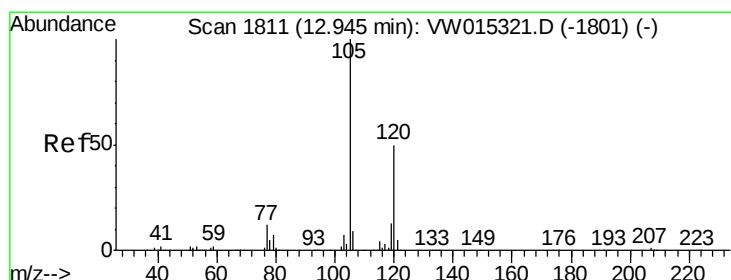
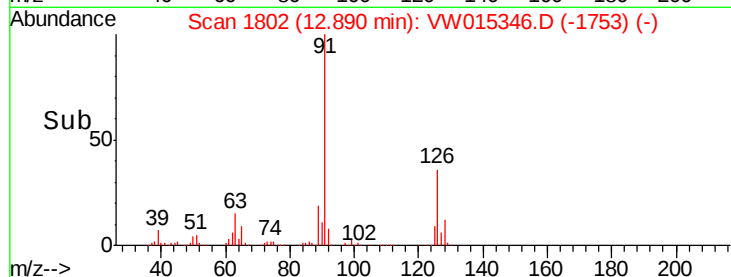
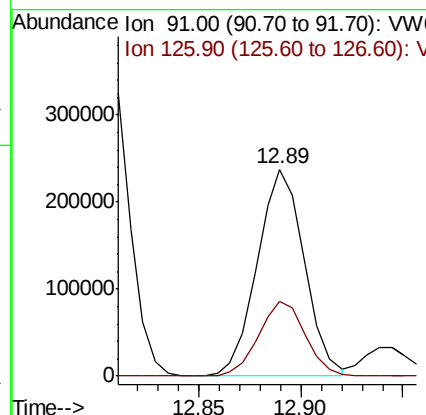
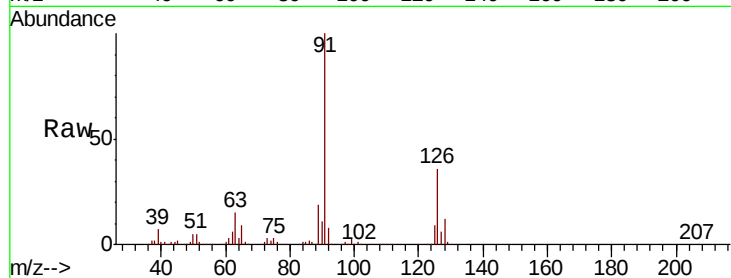
#79
 2-Chlorotoluene
 Concen: 46.791 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 91 Resp: 381127
 Ion Ratio Lower Upper
 91 100
 126 35.9 16.8 50.4

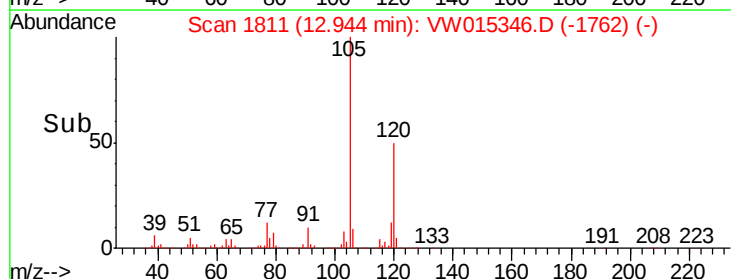
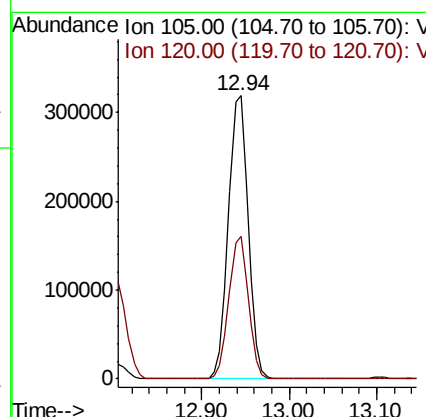
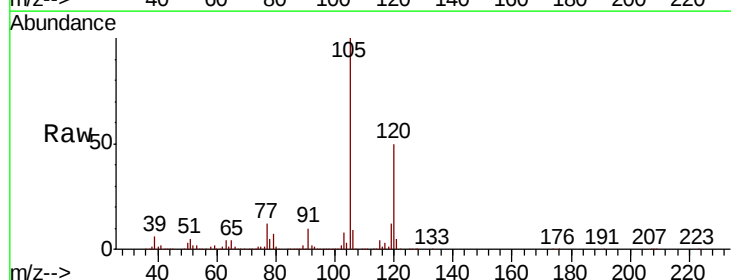
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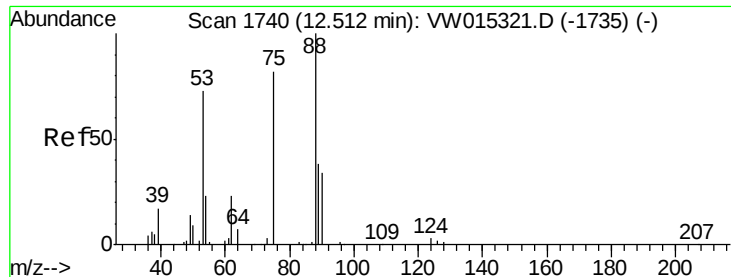
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#80
 1,3,5-Trimethylbenzene
 Concen: 46.754 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion: 105 Resp: 499950
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.052 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

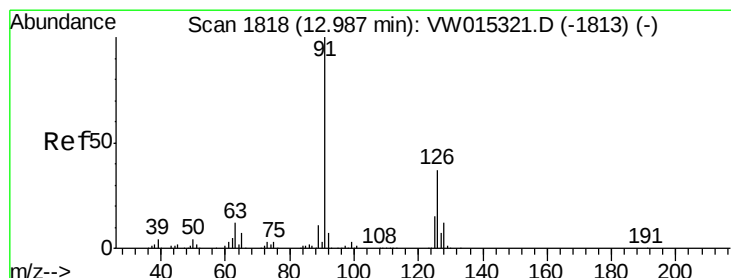
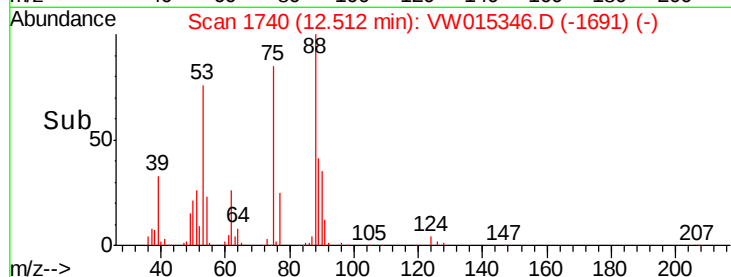
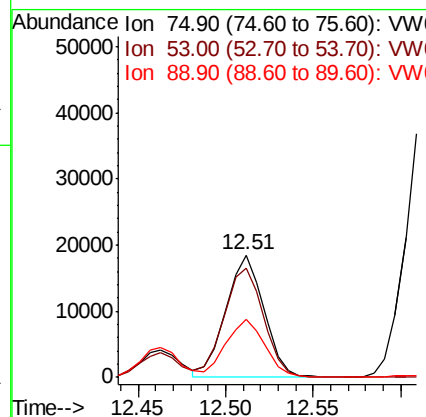
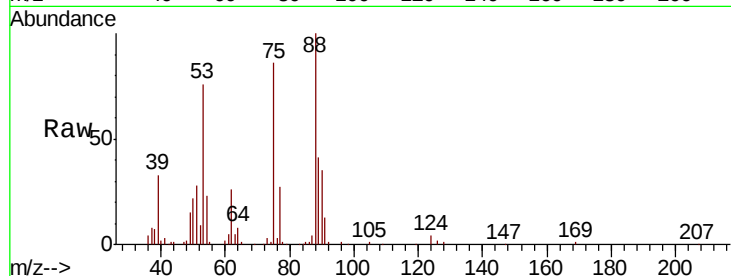
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	27911
Ion	Ratio	Lower	Upper
75	100		
53	93.4	69.4	104.2
89	48.2	34.8	52.2

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#82

4-Chlorotoluene

Concen: 46.821 ug/l

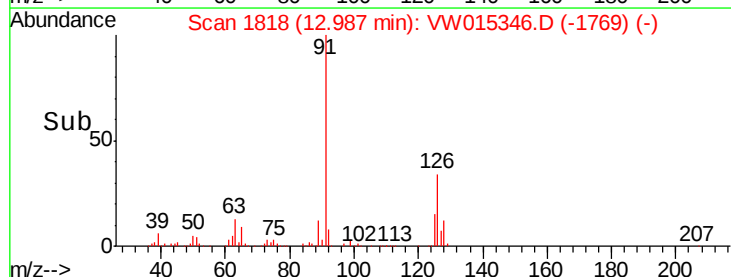
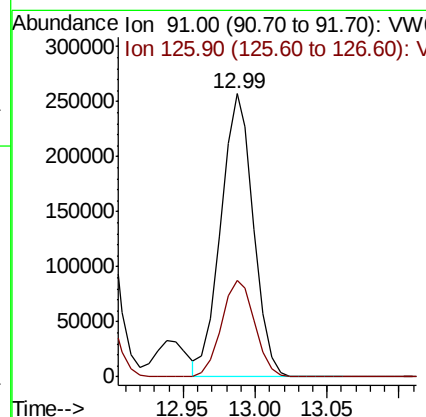
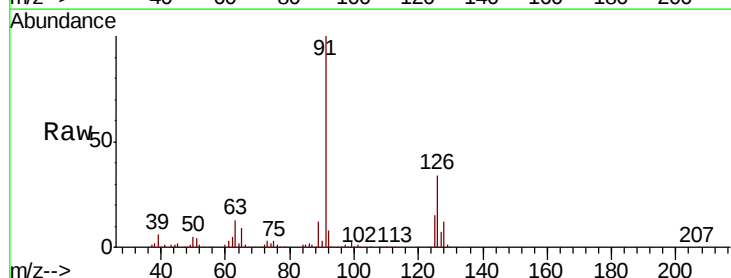
RT: 12.99 min Scan# 1818

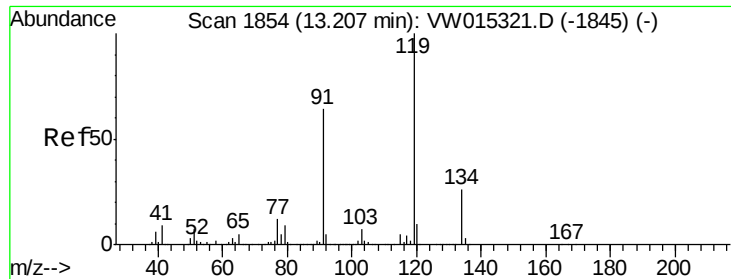
Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Tgt Ion:	91	Resp:	404914
Ion	Ratio	Lower	Upper
91	100		
126	35.0	16.8	50.3





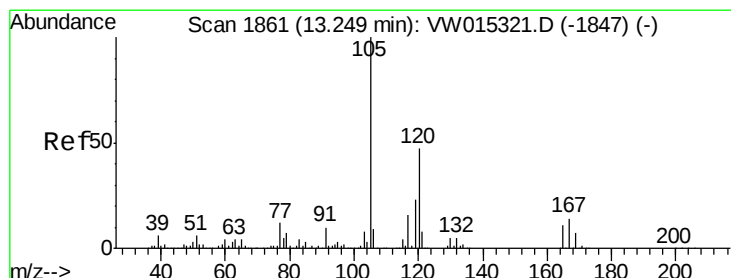
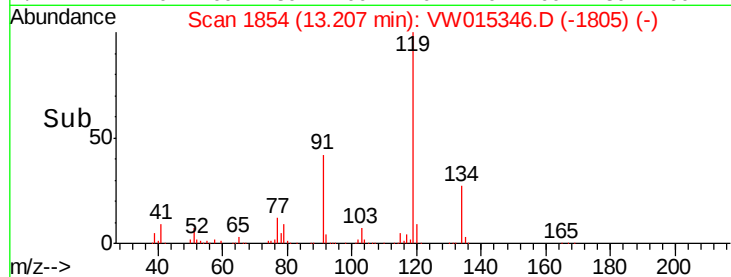
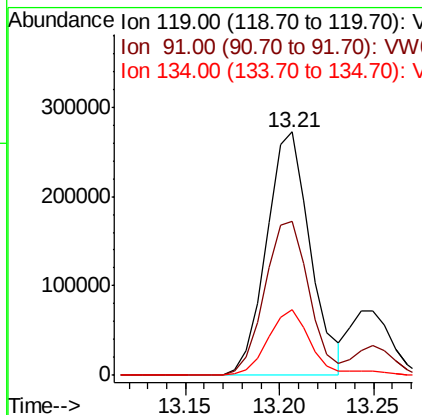
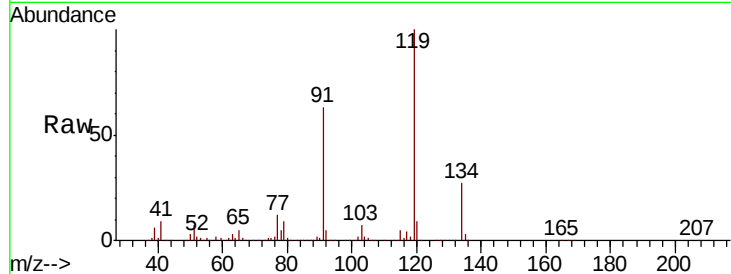
#83
 tert-Butylbenzene
 Concen: 46.892 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	438253		
91	64.1	32.8	98.3	
134	27.3	13.3	39.9	

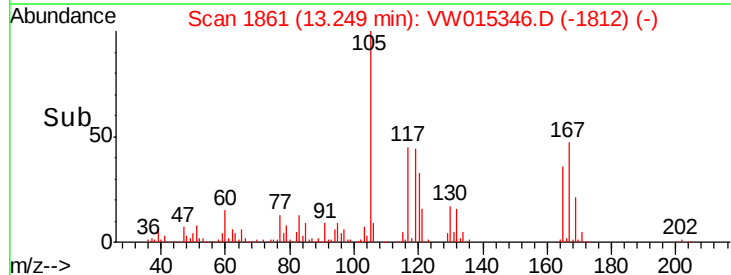
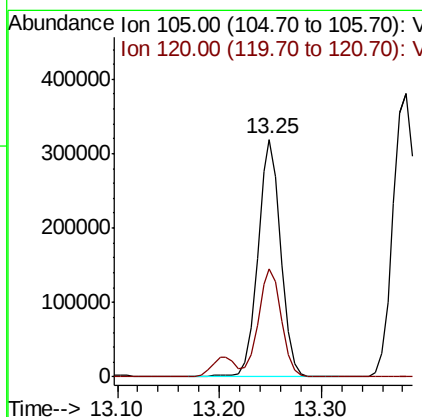
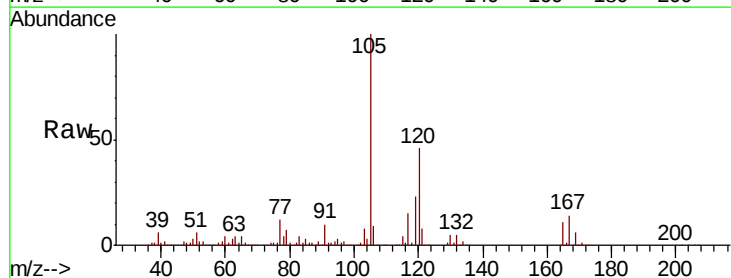
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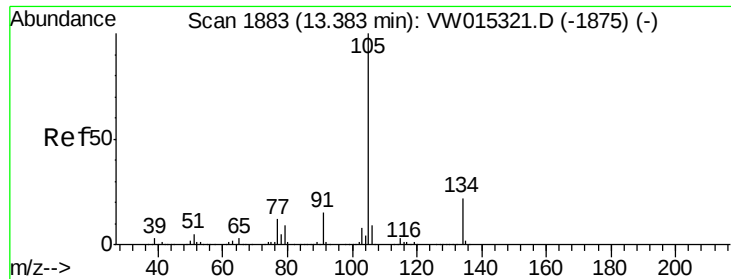
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.952 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	495203		
120	46.3	23.0	69.0	





#85

sec-Butylbenzene

Concen: 46.283 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 597392

Ion Ratio Lower Upper

105 100

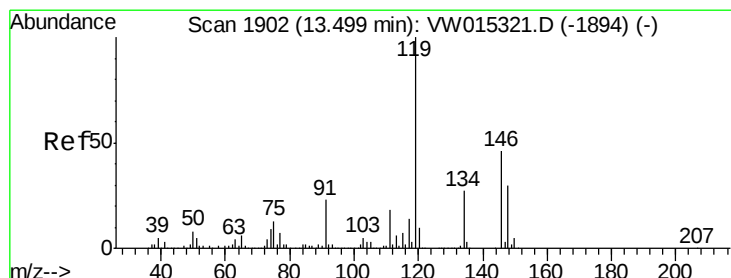
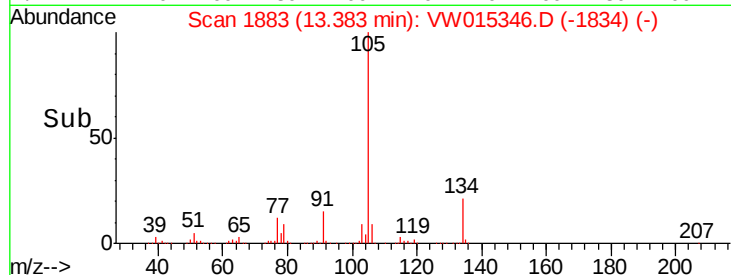
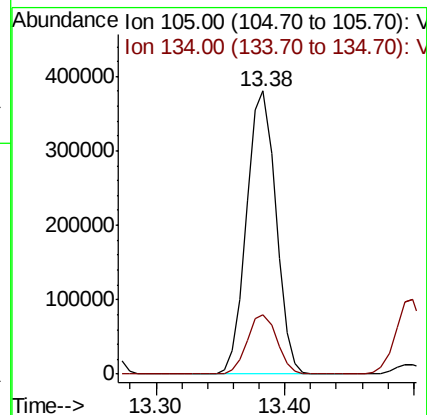
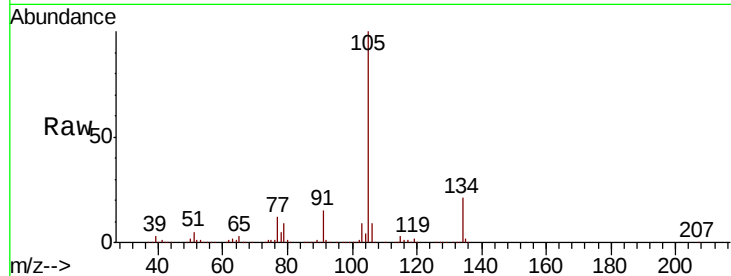
134 21.2 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 46.099 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

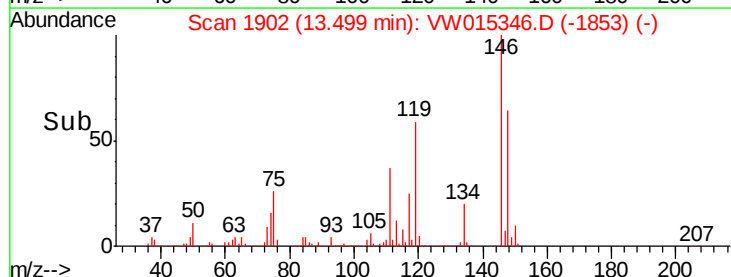
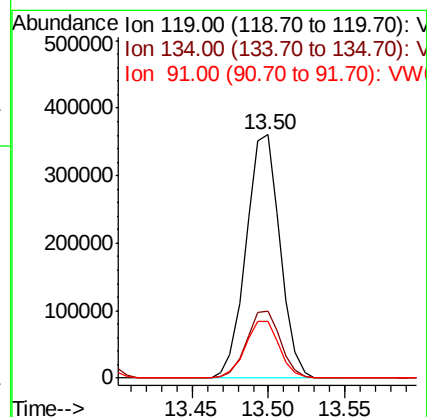
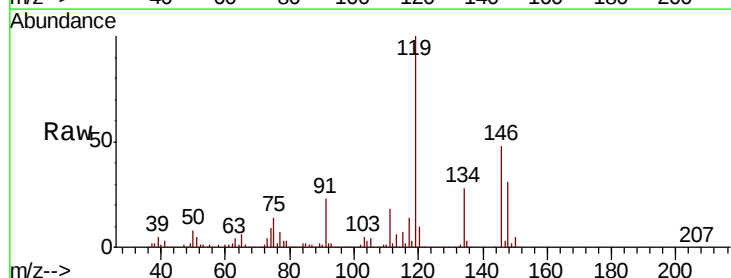
Tgt Ion:119 Resp: 552894

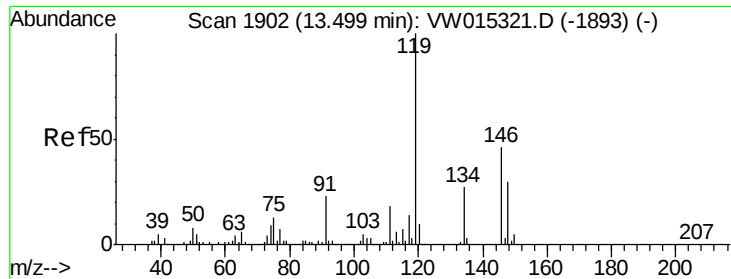
Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.9

91 23.5 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 48.706 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

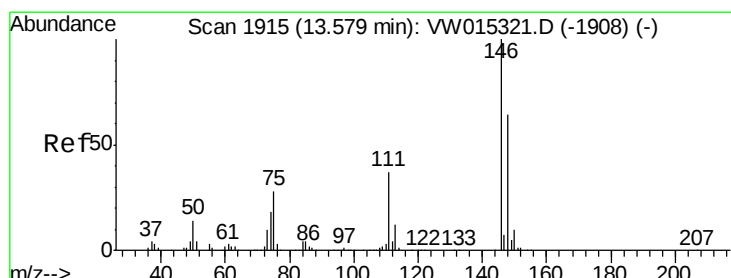
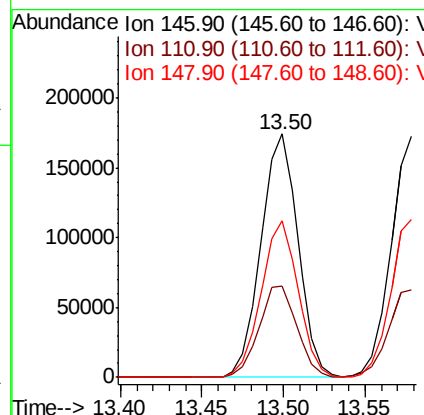
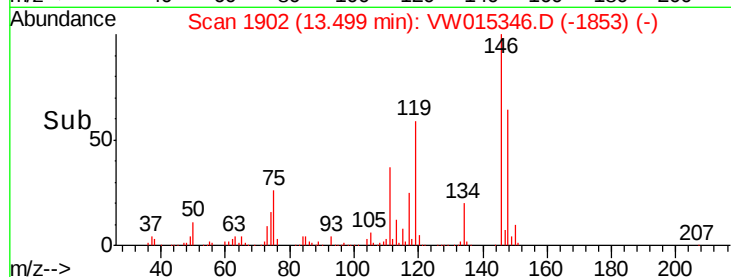
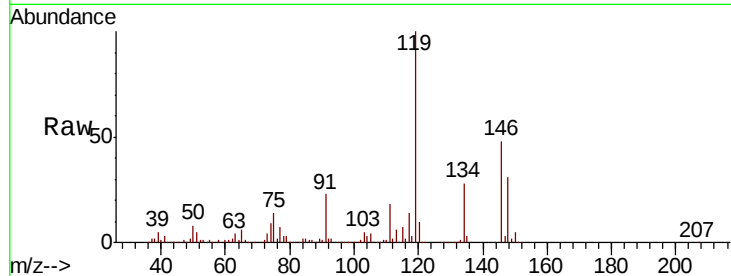
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	21.1	63.4
148	63.8	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 48.456 ug/l

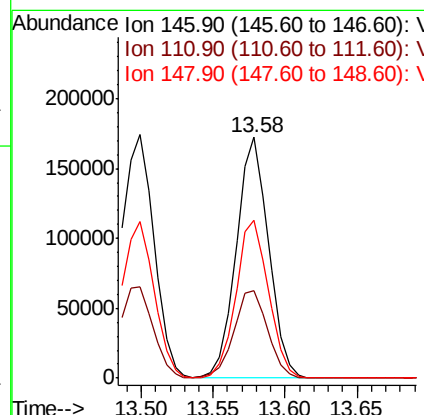
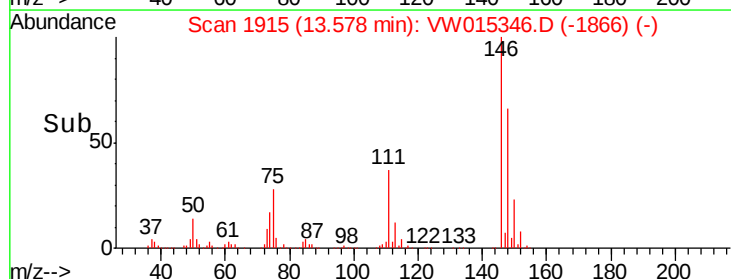
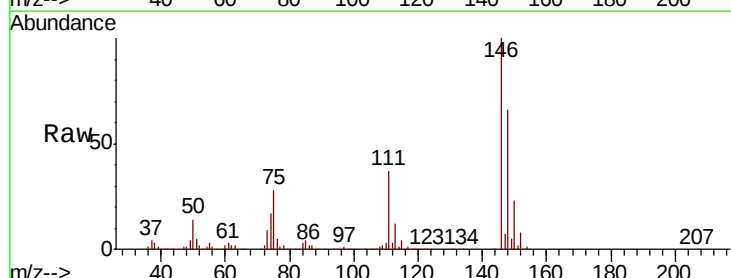
RT: 13.58 min Scan# 1915

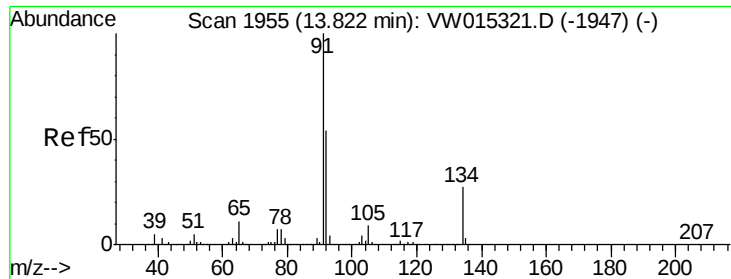
Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.4	61.3
148	66.3	31.5	94.5





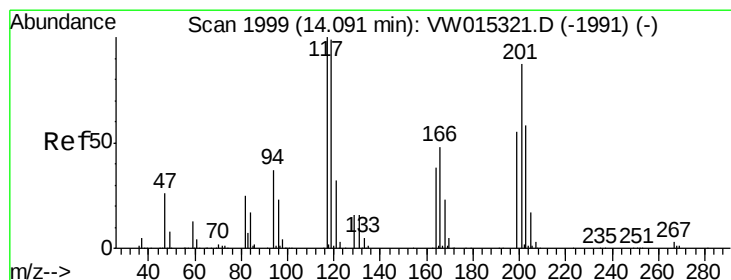
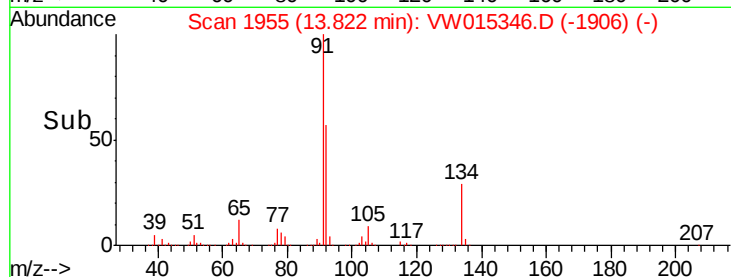
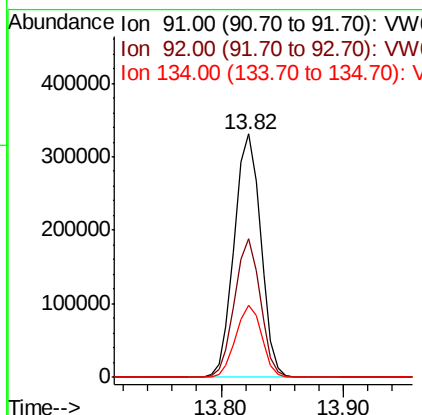
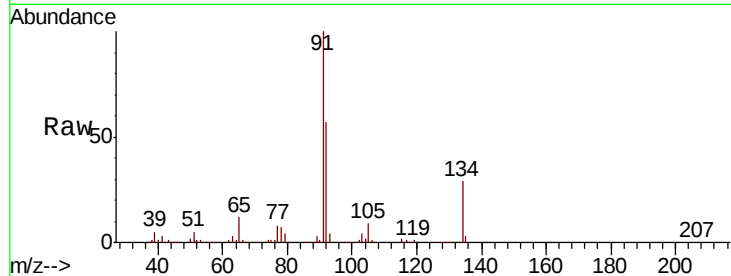
#89
n-Butylbenzene
Concen: 45.315 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.1	27.6	82.7	
134	29.0	12.8	38.3	

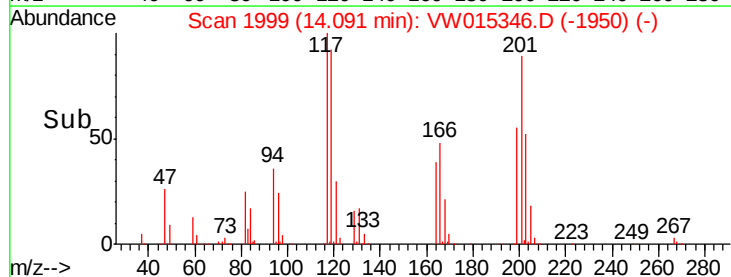
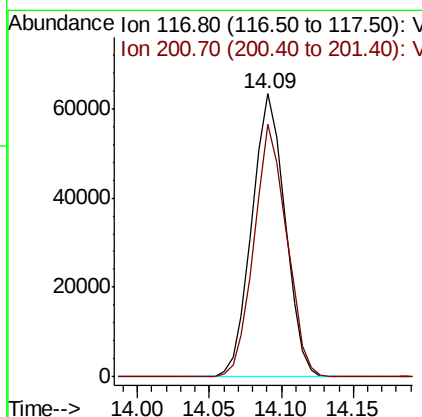
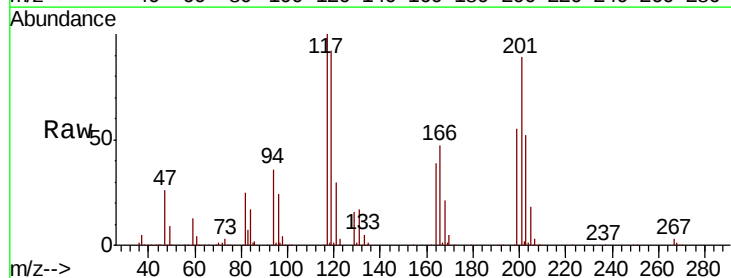
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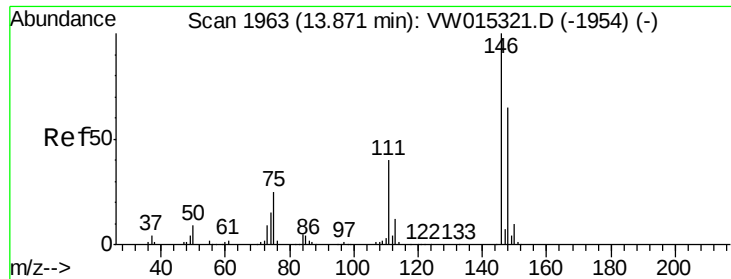
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#90
Hexachloroethane
Concen: 45.918 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.7	33.6	100.6	





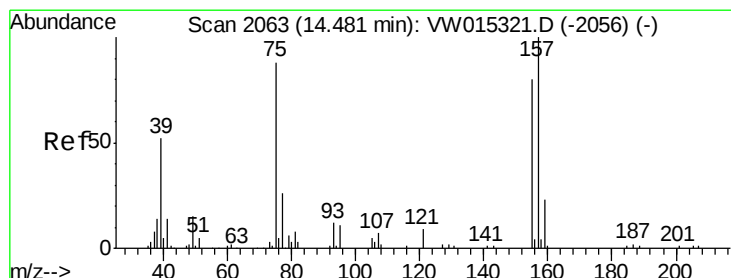
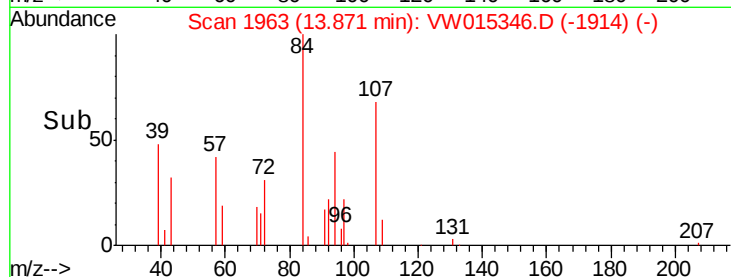
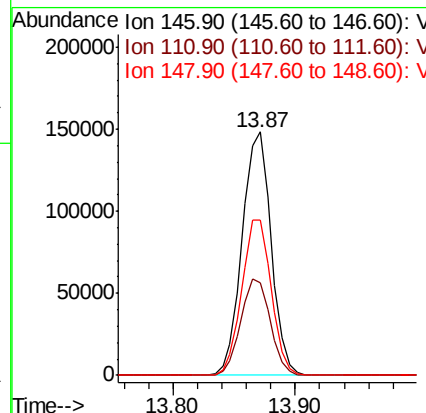
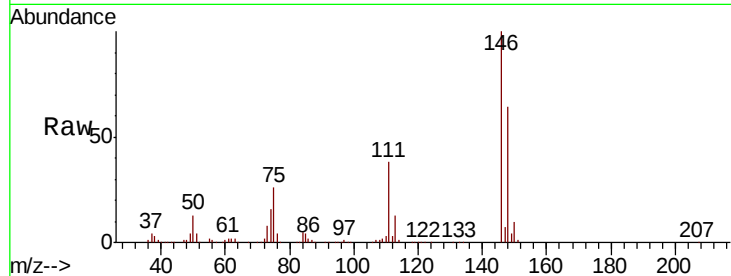
#91
 1,2-Dichlorobenzene
 Concen: 49.397 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.6	65.0
148	64.9	31.0	93.0

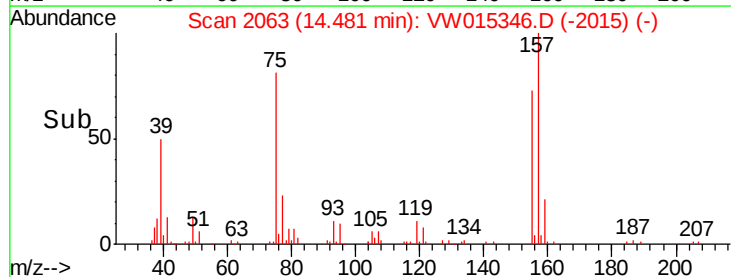
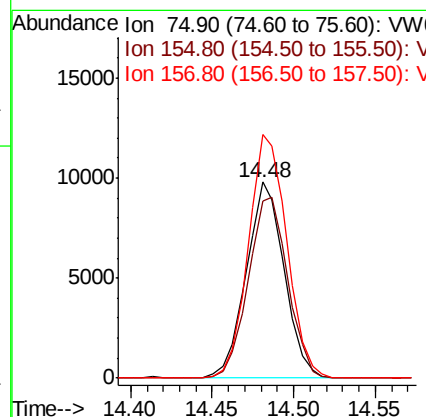
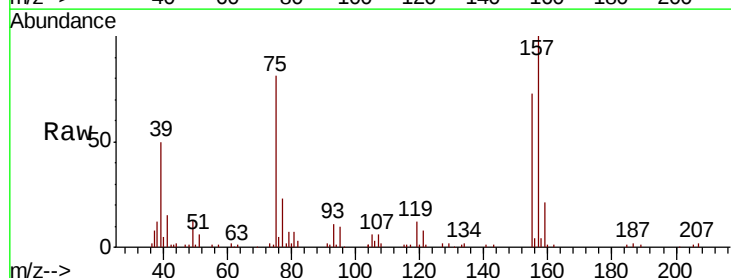
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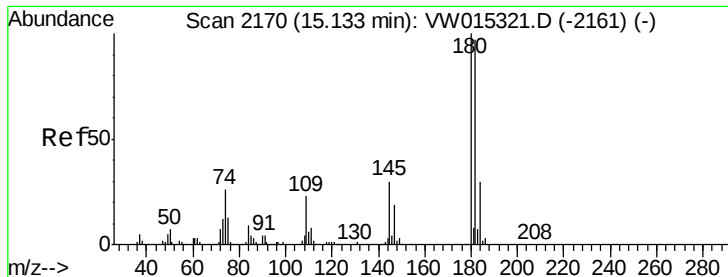
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.587 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015346.D
 Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	41.6	124.9
157	125.8	53.8	161.2





#93

1,2,4-Trichlorobenzene

Concen: 50.694 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW015346.D

Acq: 24 Apr 2020 16:50

Instrument :

MSVOA_W

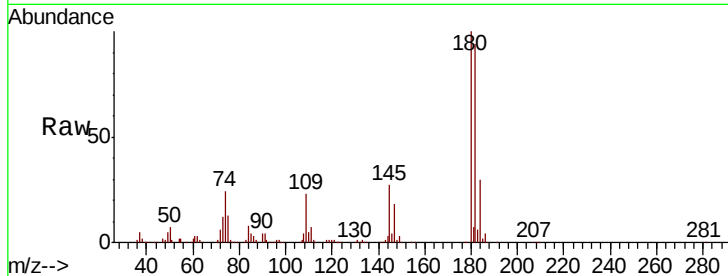
ClientSampleId :

VSTDCCC050EC

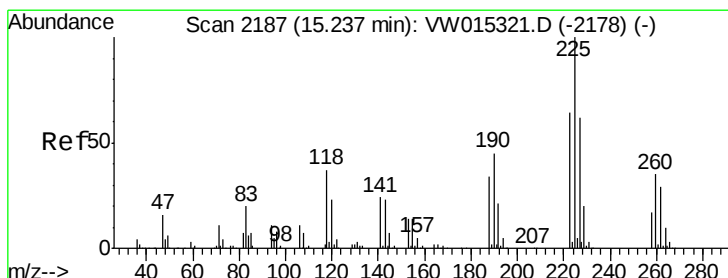
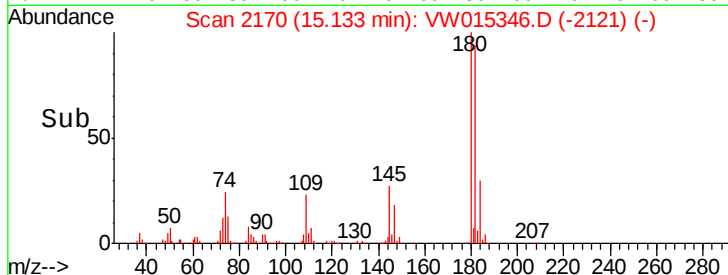
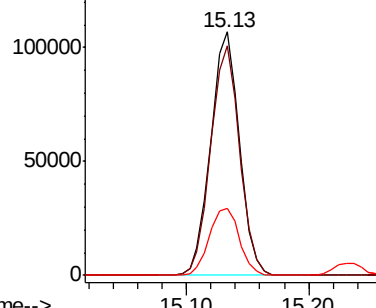
Tot Ion:	180	Resp:	173511
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.1	141.4
145	29.0	16.2	48.6

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.830 ug/l

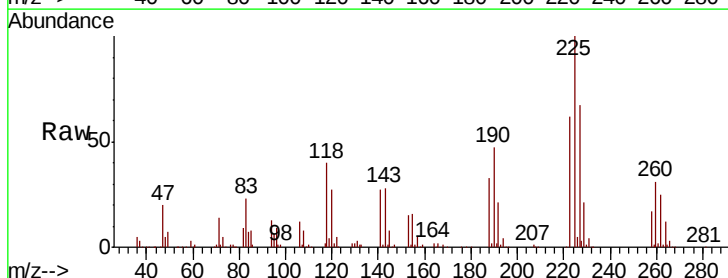
RT: 15.23 min Scan# 2186

Delta R.T. -0.01 min

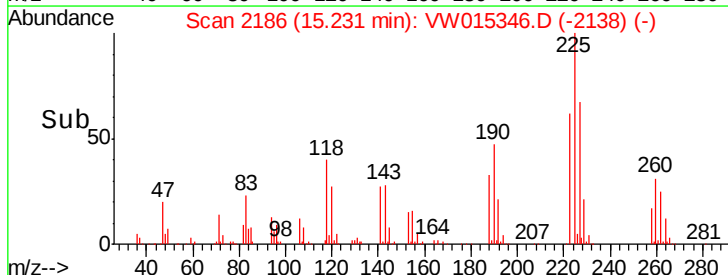
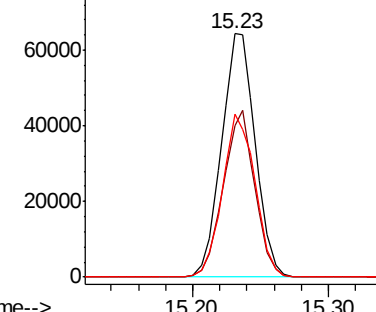
Lab File: VW015346.D

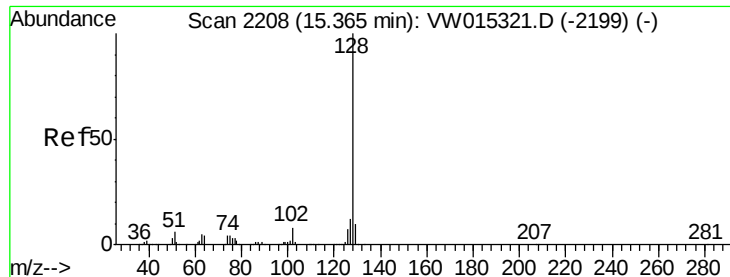
Acq: 24 Apr 2020 16:50

Tgt Ion:	225	Resp:	111427
Ion Ratio	Lower	Upper	
225	100		
223	63.9	31.0	93.0
227	64.9	30.8	92.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





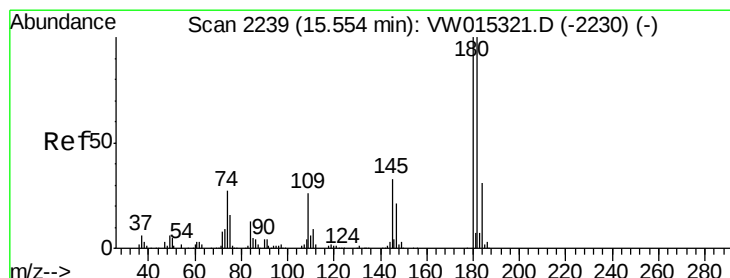
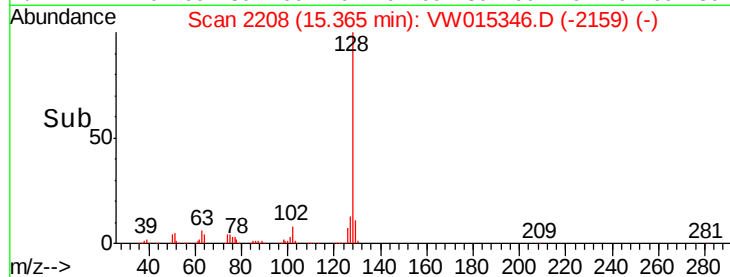
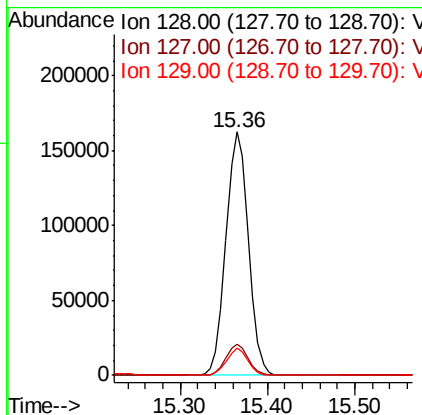
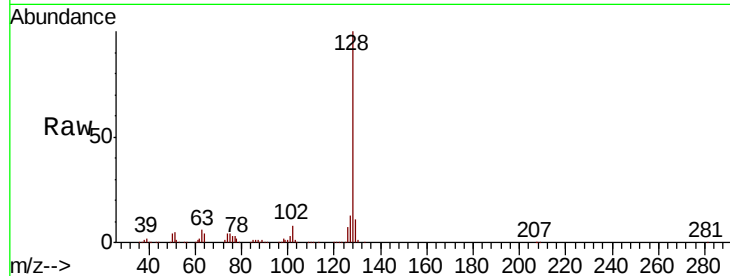
#95
Naphthalene
Concen: 52.570 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	289440		
127	12.8	10.3	15.5	
129	10.7	8.6	12.8	

Manual Integrations
APPROVED

apatel
4/27/2020 2:28:10 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.993 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015346.D
Acq: 24 Apr 2020 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	147574		
182	95.1	48.8	146.3	
145	31.2	17.2	51.6	

